(1)

USAFETAC/DS-89/201

SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

ORLANDO IAP FLORIDA

PREPARED BY

JL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723

APRIL 1989

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19. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN, AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A CLIMATIC DATABASE.

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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARY (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARY" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: NOV 78 - OCT 48 (AIRWAYS).

SUMMARY OF DAY DATA: JAN 44 - OCT 46, MAY 52 - OCT 88 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/ OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44 -73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
722050	ORLANDO IAP/MCCOY AFB, FL	N 28 26	W 081 19	96	KMCO	72205

STATION LOCATION AND INSTRUMENTATION HISTORY

NMBR OF LOC	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	TO	LATITUDE	LONGITUDE	ELEV ABOVE MSL FLD (FT)	BARO (FT)	OBS PER DAY
1	PINECASTLE AAF/ORLANDO, FL	AAF	JAN 44	OCT 46	N 28 27	W 081 19	95	N/A	24
	STN CLOSED OCT 46-APR 52								
2	PINECASTLE AFB/ORLANDO, FL	AFB	MAY 52	APR 58	SAME	SAME	SAME	N/A	24
3	MCCOY AFB/ORLANDO, FL *	AFB	MAY 58	DEC 73	SAME	SAME	SAME	N/A	24
4	ORLANDO JETPORT, FL	NWS	JAN 74	OCT 76	N 28 26	SAME	96	94	24
5	ORLANDO IAP, FL	NWS	NOV 76	JAN 89	SAME	SAME	SAME	SAME	24

*MCCOY AFB DEACT DEC 73

SURFACE WIND EQUIPMENT INFORMATION

NMBR OF LOC	DATE OF CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1	JAN 44	NOT AVAILABLE	ANEMOMETER	N/A	N/A	
2	APR 53	ATOP CONTROL TOWER	AN/GMQ-1	ML-144	100 FT	
3	AUG 57	BETWEEN RWYS AT N END OF FIELD	AN/GMQ-11	RQ-2	SFC	
4	APR 59	SAME, 5500' FROM RQS	SAME	SAME	SAME	
5	APR 65	BOTH 500' FM EACH END ACTIVE	SAME	SAME	13 FT	
		RWY,800' FM WEA STATION	SAME		13 FT	
6	APR 67	1.700' FM N END RWY	SAME	SAME	SAME	
		2.1300' FM END RWY	SAME		SAME	
7	JAN 74	1.SAME	SAME	SAME	12 FT	
		2.SAME	SAME		20 FT	
8	SEP 84	SAME	SAME	SAME	33 FT	
9	JAN 89	SAME	SAME	SAME	SAME	

```
PPPPPPPP        AAAAAA      RRRRRRRR      TTTTTTTTTT      AAAAAA
PPPPPPPPP      AAAAAAAA     RRRRRRRRR     TTTTTTTTTT     AAAAAAAA
PP      PP     AA    AA     RR     RR        TT        AA      AA
PP      PP     AA    AA     RR     RR        TT        AA      AA
PPPPPPPPP      AA    AA     RRRRRRRRR        TT        AA      AA
PPPPPPPP       AAAAAAAAAA   RRRRRRRR         TT        AAAAAAAAAA
PP             AAAAAAAAAA   RR     RR        TT        AAAAAAAAAA
PP             AA    AA     RR     RR        TT        AA      AA
PP             AA    AA     RR     RR        TT        AA      AA
PP             AA    AA     RR     RR        TT        AA      AA
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PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1963, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).
THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.
THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.
THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	4.4				4.4	13.5	2.8		.1	20.9	930
03-05	.9	6.0				6.0	23.1	3.8			32.9	930
06-08	.4	6.5				6.5	29.7	5.9			42.0	930
09-11		5.7				5.7	16.8	12.5			34.9	930
12-14		4.8				4.8	6.1	6.0			17.0	930
15-17	.2	6.6				6.6	4.3	4.8			15.7	930
18-20	.2	6.2				6.2	6.3	2.9			15.5	930
21-23	.5	5.9				5.9	9.2	3.0			18.2	930
ALL HOURS	.3	5.8				5.8	13.6	5.2		.0	24.6	7440

MONTH: FEB

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		4.9				4.9	13.0	2.4			20.3	849
03-05	.2	6.6				6.6	23.3	3.5			38.4	849
06-08	.4	7.2				7.2	40.3	6.7			54.2	849
09-11	.4	6.8				6.8	18.1	10.1			35.1	849
12-14	1.3	7.1				7.1	2.7	5.9			15.7	849
15-17	.7	6.4				6.4	2.9	4.5			13.8	849
18-20	.2	6.0				6.0	2.3	3.1			11.9	849
21-23	.5	5.5				5.5	4.9	3.1			13.5	849
ALL HOURS	.5	6.3				6.3	14.1	4.9			25.4	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.6	5.7				5.7	8.3	2.6			16.6	930
03-05	.5	5.5				5.5	22.3	3.1			30.9	930
06-08	.6	4.9				4.9	29.2	6.0		.1	40.3	930
09-11	.5	5.3				5.3	6.3	7.7			19.4	930
12-14	1.0	6.3				6.3	2.4	3.4			12.2	930
15-17	1.7	6.3				6.3	3.0	1.2			10.5	930
18-20	.9	5.8				5.8	2.8	1.3			9.9	930
21-23	.4	5.4				5.4	4.1	1.5			11.0	930
ALL HOURS	.8	5.7				5.7	9.8	3.4		.0	18.8	7440

MONTH: APR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.7	3.3				3.3	5.3	4.0			12.7	900
03-05	.1	2.1				2.1	19.7	5.2			27.0	900
06-08	.6	2.0				2.0	29.1	10.2			41.3	900
09-11	.7	2.8				2.8	2.3	9.8			14.9	900
12-14	1.4	4.4				4.4	1.2	2.8			8.4	900
15-17	1.1	3.4				3.4	1.3	1.3			6.1	900
18-20	1.4	4.6				4.6	2.4	2.2			9.2	900
21-23	.6	3.0				3.0	3.3	2.2			8.6	900
ALL HOURS	.8	3.2				3.2	8.1	4.7			16.0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.8	1.7				1.7	5.1	5.3			12.0	930
03-05	.6	1.7				1.7	16.9	6.1			24.7	930
06-08	.4	3.0				3.0	23.4	13.7			40.1	930
09-11	.5	2.7				2.7	2.2	9.4			14.2	930
12-14	1.6	4.7				4.7	1.2	4.5			10.4	930
15-17	5.2	6.3				6.3	1.0	2.9			10.2	930
18-20	5.7	6.3				6.3	1.0	3.1		.1	10.5	930
21-23	1.3	3.4				3.4	1.5	4.4			9.4	930
ALL HOURS	2.0	3.8				3.8	6.5	6.2		.0	16.5	7440

MONTH: JUN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.3	1.6				1.6	6.4	9.6			16.6	900
03-05	.1	1.6				1.6	19.2	9.4			30.2	900
06-08	.4	2.3				2.3	27.0	18.7			48.0	900
09-11	.4	2.3				2.3	1.2	14.8			18.3	900
12-14	5.7	7.2				7.2	.2	9.0			16.4	900
15-17	12.7	12.6				12.6	.3	7.1			20.0	900
18-20	10.4	12.1				12.1	.7	7.3			20.1	900
21-23	2.3	5.3				5.3	.9	7.2			13.4	900
ALL HOURS	4.1	5.6				5.6	7.0	10.3			22.9	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	.2				.2	2.4	9.1		.1	11.8	930
03-05		.2				.2	8.7	11.2			20.1	930
06-08		.3				.3	15.2	17.1			32.6	930
09-11	.2	1.3				1.3	.5	14.0			15.8	930
12-14	5.8	6.9			.1	7.0	.1	10.8			17.8	930
15-17	20.5	15.1				15.1	.3	9.6			24.9	930
18-20	11.7	11.4				11.4	.6	9.9			21.9	930
21-23	1.6	4.2				4.2	1.7	8.6			14.5	930
ALL HOURS	5.0	4.9			.0	5.0	3.7	11.3		.0	19.9	7440

MONTH: AUG

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.3	1.2				1.2	2.7	3.3			7.2	930
03-05		.8				.8	10.2	5.2			16.1	930
06-08	.2	1.3				1.3	16.2	10.2			27.7	930
09-11	1.2	2.3				2.3	.5	4.4			7.2	930
12-14	8.7	9.5				9.5	.3	3.7			13.4	930
15-17	18.8	15.3				15.3	.6	4.8		.1	20.9	930
18-20	10.9	10.9				10.9	.6	3.1			14.6	930
21-23	2.6	4.9				4.9	1.1	3.0			9.0	930
ALL HOURS	5.3	5.8				5.8	4.0	4.7		.0	14.5	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	4.2				4.2	5.1	2.7			12.0	900
03-05	.2	2.9				2.9	16.4	2.6			21.9	900
06-08	.1	3.7				3.7	22.0	6.2			31.9	900
09-11	.6	4.1				4.1	1.9	7.2			13.2	900
12-14	4.0	8.4				8.4	1.1	5.3			14.9	900
15-17	8.4	12.9				12.9	1.8	4.9			19.6	900
18-20	5.2	12.0				12.0	1.8	4.3			18.1	900
21-23	.8	7.0				7.0	1.4	4.0			12.4	900
ALL HOURS	2.4	6.9				6.9	6.4	4.7			18.0	7200

MONTH: OCT

00-02	.5	2.9				2.9	8.6	3.8			15.3	930
03-05	.3	2.7				2.7	21.2	5.9			29.8	930
06-08	.1	1.5				1.5	28.0	9.0			38.5	930
09-11	.2	3.1				3.1	4.4	8.2			15.7	930
12-14	.5	4.1				4.1	1.3	1.5			6.9	930
15-17	1.6	4.9				4.9	1.2	2.0			8.2	930
18-20	1.4	3.6				3.6	.8	2.4			6.7	928
21-23	1.3	3.6				3.6	1.8	1.7			7.1	927
ALL HOURS	.8	3.3				3.3	8.4	4.3			16.0	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		4.8				4.8	15.2	3.2			23.2	900
03-05		3.3				3.3	29.1	3.4			35.9	900
06-08		3.2				3.2	36.1	7.2			46.6	900
09-11		3.9				3.9	9.0	6.4			19.3	900
12-14	.1	5.3				5.3	2.1	3.4			10.9	900
15-17	.7	6.7				6.7	2.8	3.0			12.4	900
18-20	1.8	6.2				6.2	3.7	2.3			12.2	900
21-23	.1	5.0				5.0	5.7	3.7			14.3	900
ALL HOURS	.3	4.8				4.8	13.0	4.1			21.9	7200

MONTH: DEC

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	4.5				4.5	20.1	1.5			26.1	930
03-05	.4	4.2				4.2	31.2	1.9			37.3	930
06-08	.4	4.0				4.0	38.0	2.8			44.7	930
09-11	.1	3.1				3.1	15.9	6.0		.1	25.2	930
12-14	.4	3.4				3.4	2.6	3.5			9.6	930
15-17	.5	4.6				4.6	2.7	1.7			9.0	930
18-20	.2	3.9				3.9	3.5	1.4			8.8	930
21-23	.2	3.8				3.8	7.3	1.0			12.6	930
ALL HOURS	.3	3.9				3.9	15.2	2.5		.0	21.7	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.3	5.8				5.8	13.6	5.2		.0	24.6	7440
FEB	.5	6.3				6.3	14.1	4.9			25.4	6792
MAR	.8	5.7				5.7	9.8	3.4		.0	18.8	7440
APR	.8	3.2				3.2	8.1	4.7			16.0	7200
MAY	2.0	3.8				3.8	6.5	6.2		.0	16.5	7440
JUN	4.1	5.6				5.6	7.0	10.3			22.9	7200
JUL	5.0	4.9			.0	5.0	3.7	11.3		.0	19.9	7440
AUG	5.3	5.8				5.8	4.0	4.7		.0	14.5	7440
SEP	2.4	6.9				6.9	6.4	4.7			18.0	7200
OCT	.8	3.3				3.3	8.4	4.3			16.0	7435
NOV	.3	4.8				4.8	13.0	4.1			21.9	7200
DEC	.3	3.9				3.9	15.2	2.5		.0	21.7	7440
ANNUAL	1.9	5.0			.0	5.0	9.1	5.5		.0	19.6	87667

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: 5205-8810
LST TO UTC: +05 MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	2.9	34.1		.3		34.2	50.2	31.3			66.8	1116
FEB	6.3	37.2			.2	37.2	49.5	32.0			66.9	1017
MAR	9.6	33.4				33.4	47.2	27.2		.2	64.8	1116
APR	9.8	27.5			.1	27.5	40.4	30.8			60.8	1080
MAY	24.5	38.2			.4	38.2	42.9	34.6			69.5	1132
JUN	46.8	61.4			.1	61.4	38.0	32.1			80.5	1110
JUL	58.8	68.3			.1	68.3	26.0	23.2			80.3	1147
AUG	56.3	68.1			.3	68.1	29.6	20.4			81.2	1146
SEP	31.8	59.9				59.9	34.4	22.3			77.3	1110
OCT	8.5	40.4				40.4	39.0	24.8			64.4	1147
NOV	3.2	30.9			.2	30.9	43.3	24.6			61.8	1080
DEC	3.0	32.6				32.6	49.7	27.4			64.0	1116
ANNUAL	22.1	44.5		.0	.1	44.6	40.9	27.5		.0	70.0	13317

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02	.1		.6	.7	.8	.3	.2	.3	.1	.5		.2
03-05	.9	.2	.5	.1	.6	.1			.2	.3		.4
06-08	.4	.4	.6	.6	.4	.4		.2	.1	.1		.4
09-11		.4	.5	.7	.5	.4	.2	1.2	.6	.2		.1
12-14		1.3	1.0	1.4	1.6	5.7	5.8	8.7	4.0	.5	.1	.4
15-17	.2	.7	1.7	1.1	5.2	12.7	20.5	18.8	8.4	1.6	.7	.5
18-20	.2	.2	.9	1.4	5.7	10.4	11.7	10.9	5.2	1.4	1.8	.2
21-23	.5	.5	.4	.6	1.3	2.3	1.6	2.6	.8	1.3	.1	.2
ALL HOURS	.3	.5	.8	.8	2.0	4.1	5.0	5.3	2.4	.8	.3	.3
TOTAL OBS	7440	6792	7440	7200	7440	7200	7440	7440	7200	7435	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 030	031 - 120	121 - 210	211 - 299		NO OF OBS
TSTMS	9.1		13.6	13.6	27.3	36.4		22
LIQUID PRECIP	1.2		29.8	27.7	21.5	19.8		484
FREEZING PRECIP								
FROZEN PRECIP								
FOG	10.4		37.1	17.6	17.6	17.3		1122
FOG WITH VIS GE 1/2 MILES	9.5		36.8	18.6	17.5	17.6		959
TOTAL OBS	358	0	2283	1296	1281	2222	0	7440

MONTH: FEB HOURS: ALL

TSTMS			6.3	12.5	43.8	37.5		32
LIQUID PRECIP	.4		35.6	27.2	20.3	16.4		463
FREEZING PRECIP								
FROZEN PRECIP								
FOG	10.6		34.7	16.9	13.4	19.4		1064
FOG WITH VIS GE 1/2 MILES	9.0		35.7	16.2	13.9	20.2		931
TOTAL OBS	295	0	1824	1539	1196	1938	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 030	031 - 120	121 - 210	211 - 299		NO OF OBS
TSTMS			13.2	17.6	35.3	33.8		68
LIQUID PRECIP	1.9		19.1	27.4	31.2	20.3		423
FREEZING PRECIP								
FROZEN PRECIP								
FOG	9.8		21.9	21.3	23.6	23.3		825
FOG WITH VIS GE 1/2 MILES	8.9		22.2	22.1	23.0	24.0		775
TOTAL OBS	267	0	1370	2001	1712	2090	0	7440

MONTH: APR HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 030	031 - 120	121 - 210	211 - 299		NO OF OBS
TSTMS			19.4	29.9	25.4	25.4		67
LIQUID PRECIP			11.5	39.4	22.0	27.1		218
FREEZING PRECIP								
FROZEN PRECIP								
FOG	8.2		18.6	17.7	25.6	29.9		672
FOG WITH VIS GE 1/2 MILES	7.5		18.6	19.1	24.7	30.0		623
TOTAL OBS	250	0	1060	1995	1586	2309	0	7200

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
USAFETAC, ASHEVILLE NC VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 030	031 - 120	121 - 210	211 - 299		NO OF OBS
TSTMS	4.2		10.7	28.0	31.0	26.2		168
LIQUID PRECIP	2.4		10.8	38.7	29.2	18.9		212
FREEZING PRECIP								
FROZEN PRECIP								
FOG	9.6		23.1	25.1	21.5	20.8		554
FOG WITH VIS GE 1/2 MILES	9.2		24.0	25.3	21.5	20.0		530
TOTAL OBS	287	0	994	3114	1726	1319	0	7440

MONTH: JUN HOURS: ALL

TSTMS	1.2		9.4	32.5	28.4	28.7		342
LIQUID PRECIP	2.3		11.4	36.1	31.3	16.9		307
FREEZING PRECIP								
FROZEN PRECIP								
FOG	10.5		15.5	21.4	28.5	24.1		611
FOG WITH VIS GE 1/2 MILES	10.7		15.6	20.7	28.9	24.1		589
TOTAL OBS	315	0	825	2409	1974	1677	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 030	031 - 120	121 - 210	211 - 299		NO OF OBS
TSTMS			14.3	31.9	23.6	25.3		427
LIQUID PRECIP	.4		8.6	34.5	37.3	19.2		255
FREEZING PRECIP								
FROZEN PRECIP								
FOG	12.1		15.9	15.3	27.1	29.6		321
FOG WITH VIS GE 1/2 MILES	12.1		15.4	14.4	27.5	30.5		305
TOTAL OBS	365	0	604	2260	2526	1685	0	7440

MONTH: AUG HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 030	031 - 120	121 - 210	211 - 299		NO OF OBS
TSTMS	.9		11.9	33.3	29.9	24.0		462
LIQUID PRECIP	1.8		10.7	28.1	32.1	27.2		327
FREEZING PRECIP								
FROZEN PRECIP								
FOG	16.7		13.0	24.2	24.2	16.9		372
FOG WITH VIS GE 1/2 MILES	16.4		17.5	25.3	23.3	17.5		348
TOTAL OBS	479	0	880	2617	2188	1268	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 030	031 - 120	121 - 210	211 - 299		NO OF OBS
TSTMS	.5		16.7	33.3	24.4	20.1		209
LIQUID PRECIP	3.1		15.9	31.2	34.1	15.7		490
FREEZING PRECIP								
FROZEN PRECIP								
FOG	11.1		39.2	23.8	14.5	14.5		559
FOG WITH VIS GE 1/2 MILES	11.5		38.9	20.4	14.2	15.1		530
TOTAL OBS	372	0	1653	3119	1268	789	0	7200

MONTH: OCT HOURS: ALL

TSTMS			16.9	33.8	22.5	26.8		71
LIQUID PRECIP	3.2		41.4	32.3	12.0	11.2		251
FREEZING PRECIP								
FROZEN PRECIP								
FOG	8.9		40.2	22.0	11.1	19.8		749
FOG WITH VIS GE 1/2 MILES	9.2		41.3	19.4	11.1	19.0		695
TOTAL OBS	229	0	3035	2533	706	996	0	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 030	031 - 120	121 - 210	211 - 299		NO OF OBS
TSTMS			18.5	29.6	22.2	29.6		27
LIQUID PRECIP	.5		29.6	42.7	14.7	12.5		375
FREEZING PRECIP								
FROZEN PRECIP								
FOG	9.3		42.4	13.9	15.4	14.1		1081
FOG WITH VIS GE 1/2 MILES	9.2		42.1	19.2	15.0	14.4		978
TOTAL OBS	298	0	2437	2417	1029	1019	0	7200

MONTH: DEC HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 030	031 - 120	121 - 210	211 - 299		NO OF OBS
TSTMS	11.1		14.8		44.4	29.6		27
LIQUID PRECIP	2.6		35.7	23.2	21.9	16.7		311
FREEZING PRECIP								
FROZEN PRECIP								
FOG	16.3		33.9	13.9	20.6	15.3		1301
FOG WITH VIS GE 1/2 MILES	14.9		35.5	13.5	20.9	15.1		1104
TOTAL OBS	420	0	2580	1778	1293	1369	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTHS: ALL

PHENOMENA	CALM	VARIABLE	300 - 030	031 - 120	121 - 210	211 - 299		NO OF OBS
TSTMS	1.1		13.0	31.2	28.9	25.9		1922
LIQUID PRECIP	1.7		22.7	31.8	25.7	18.2		4116
FREEZING PRECIP								
FROZEN PRECIP								
FOG	11.1		30.9	18.8	19.8	19.4		9231
FOG WITH VIS GE 1/2 MILES	10.5		31.0	19.0	19.8	19.7		8367
TOTAL OBS	3934	0	19324	27243	18485	18681	0	87667

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PPPPPPPP        AAAAAA      RRRRRRRR      TTTTTTTTTT      BBBBBBBBB
PPPPPPPPP      AAAAAAAA     RRRRRRRRR     TTTTTTTTTT      BBBBBBBBBB
PP      PP     AA      AA   RR      RR        TT          BB      BB
PP      PP     AA      AA   RR      RR        TT          BB      BB
PPPPPPPPP      AA      AA   RRRRRRRRR         TT          BBBBBBBBBB
PPPPPPPP       AAAAAAAAAA   RRRRRRRR          TT          BBBBBBBBBB
PP             AAAAAAAAAA   RR    RR          TT          BB      BB
PP             AA      AA   RR     RR         TT          BB      BB
PP             AA      AA   RR      RR        TT          BBBBBBBBBB
PP             AA      AA   RR       RR       TT          BBBBBBBBB
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PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS (YEARS) ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. ".00" MEANS NO PRECIPITAION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN 10 SETS OF MONTHLY DATA, OR MORE, ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 4401-4610,5205-8810
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	65.9	62.8	66.1	71.5	61.9	37.7	30.8	31.3	39.7	59.6	68.9	66.9	55.0
TRACE	12.6	11.8	10.6	11.5	10.5	16.2	14.1	16.5	14.7	14.0	12.8	13.5	13.2
.01	1.9	2.4	1.3	1.1	2.0	2.6	3.5	3.0	3.8	2.2	1.8	1.7	2.3
.02-.05	4.9	3.8	3.7	3.2	5.3	6.7	8.7	9.9	7.7	5.8	4.3	4.4	5.7
.06-.10	3.0	4.0	3.5	2.7	2.9	6.0	6.1	6.5	3.9	2.8	2.5	2.7	3.9
.11-.25	4.1	4.9	4.1	3.5	5.5	9.2	11.9	9.8	9.8	5.6	3.5	3.4	6.3
.26-.50	3.1	4.5	3.4	2.3	5.4	6.5	9.0	9.8	8.2	4.2	2.8	3.6	5.3
.51-1.00	2.8	3.3	4.3	2.3	3.5	9.1	9.2	7.4	7.4	3.9	1.6	2.1	4.7
1.01-2.50	1.5	2.5	2.5	1.7	2.7	5.7	6.0	5.6	4.4	1.6	1.6	1.6	3.1
2.51-5.00	.2	.1	.4	.3	.3	1.4	.7	.2	.4	.2	.2	.1	.4
5.01-10.00			.1						.1				.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	21.5	25.5	23.3	17.0	27.6	46.2	55.1	52.3	45.7	26.4	18.2	19.6	31.7
TOTAL NO. OF OBSERVATIONS	1203	1088	1178	1140	1190	1170	1209	1209	1200	1223	1140	1178	14128

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 4401-4610,5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
44	.05*	.06	4.77	1.73	4.72	10.70	11.38	5.93	3.76	6.50	.35	.04	49.99*
45	3.91	.13	.88	.90	.18	12.13	7.08	5.43	14.69	1.95	.39	3.30	50.97
46	1.55	.11*							5.37	1.87*			8.90*
52					1.37*	1.66	6.99	3.00	7.73	4.50	.83	.63	26.71*
53	1.50	2.40	2.55	6.96	.98	8.38	5.04	11.77	8.33	3.42	3.82	3.61	58.76
54	.67	1.17	1.04	3.32	3.81	8.53	10.21	4.42	4.10	3.75	2.80	1.28	45.10
55	1.99	.75	1.86	1.60	1.37	4.68	5.31	2.35	7.65	2.08	1.87	1.80	33.31
56	1.68	.56	.06	3.24	2.37	6.36	2.32	4.40	5.59	10.00	.08	.11	36.77
57	.76	2.45	3.62	2.93	5.93	5.44	6.15	5.88	6.91	1.61	.70	2.59	44.97
58	3.35	2.96	7.02	3.32	2.63	9.16	11.73	1.56	2.27	5.48	1.09	2.36	52.93
59	2.89	4.52	8.25	5.38	1.53	9.68	11.11	6.13	5.41	7.34	.96	1.60	64.80
60	1.34	4.19	12.70	.89	1.72	5.18	10.00	4.04	8.67	2.21	.09	.83	51.86
61	1.80	1.99	1.50	.45	1.20	7.35	5.71	5.81	2.73	2.62	1.29	1.78	34.23
62	1.51	1.93	3.14	1.69	2.48	7.24	6.78	6.55	8.29	1.38	2.20	1.27	44.46
63	2.59	5.26	2.49	.33	4.42	3.26	3.37	3.00	4.49	.03	6.86	2.18	38.28
64	4.92	2.78	3.77	2.10	1.72	3.69	7.02	9.18	5.32	1.98	.73	1.99	45.20
65	2.11	3.03	1.74	.36	.36	5.69	9.53	7.71	4.31	3.42	1.04	2.18	41.48
66	4.71	6.00	2.14	1.56	5.06	9.10	3.03	9.14	4.98	1.86	.08	1.21	48.87
67	1.34	5.54	.84	.32	1.75	7.83	11.29	8.73	4.62	.43	.05	2.44	45.18
68	.13	4.29	1.51	.31	6.28	12.46	11.33	6.13	4.32	4.25	2.00	.58	53.59
69	2.34	3.09	5.18	1.00	1.62	3.31	3.54	5.82	6.77	5.07	1.61	4.21	43.56
70	3.54	3.56	3.61	.60	3.39	6.96	6.13	3.65	1.99	2.73	.25	1.00	37.41
71	.67	4.04	1.36	1.21	4.07	3.82	5.65	10.27	4.56	5.66	2.16	1.43	44.90
72	1.49	4.05	2.47	.72	2.56	7.95	4.02	13.42	.51	3.57	3.42	1.50	45.68
73	5.51	2.08	2.60	2.42	3.23	5.65	7.65	8.06	7.52	1.27	.62	2.37	48.98
74	.44	.63	3.67	1.17	2.69	15.28	6.01	6.56	5.78	.48	.31	1.62	44.64
75	.98	1.49	1.10	1.36	7.52	9.70	9.26	4.75	4.97	4.74	.66	.51	47.04
76	.37	.83	1.72	2.16	10.36	9.93	7.05	3.25	5.87	.74	2.03	2.77	47.08
77	1.81	1.76	1.82	.14	1.47	4.47	6.61	6.28	7.03	.43	2.60	3.70	38.12
78	2.49	5.45	2.14	.61	3.16	10.00	11.92	5.13	4.31	1.51	.18	3.69	50.59
79	6.48	1.45	3.24	1.08	7.06	4.00	7.95	5.88	9.19	.43	1.93	.94	50.23
80	2.45	1.64	1.51	4.07	6.96	5.25	5.14	2.92	3.70	.55	6.55	.47	41.21

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 4401-4610,5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.21	4.36	1.85	.18	2.02	12.49	3.53	5.60	8.26	3.13	2.50	2.97	47.10
82	1.72	1.34	4.85	6.27	5.29	6.06	11.61	5.03	6.96	.74	.53	1.01	51.61
83	2.08	8.32	5.37	3.21	1.77	7.82	6.49	4.83	5.16	3.78	1.36	5.33	55.52
84	2.01	2.73	1.85	6.21	3.20	5.32	6.19	7.89	6.19	.56	2.10	.19	44.44
85	.91	1.27	4.59	1.69	3.00	4.54	7.28	11.63	5.45	2.55	.82	3.46	47.19
86	7.23	1.84	2.63	.49	.88	9.50	5.85	5.99	4.50	5.63	1.69	3.60	49.83
87	1.27	1.74	11.38	.59	1.40	3.54	7.95	6.07	8.64	3.41	10.29	.51	56.79
88	3.12	1.38	6.07	2.02	2.82	4.17	9.44	7.94	5.67	1.42			44.05*
LEAST	.13	.06	.06	.14	.18	1.66	2.32	1.56	.51	.03	.05	.04	33.31
GREATEST	7.23	8.32	12.70	6.96	10.36	15.28	11.92	13.42	14.69	10.00	10.29	5.33	64.80
MEAN	2.26	2.71	3.39	1.96	3.25	7.13	7.30	6.21	5.81	2.90	1.81	1.92	46.74
MEDIAN	1.81	2.24	2.52	1.46	2.66	6.96	6.99	5.88	5.43	2.55	1.19	1.70	46.36
SD	1.689	1.847	2.744	1.805	2.280	3.088	2.718	2.651	2.440	2.223	2.103	1.288	6.795
TOTAL OBS	1203	1088	1178	1140	1190	1170	1209	1209	1200	1223	1140	1178	14128

THE GREATEST VALUE OF 15.28 OCCURRED ON 06/74

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: 4401-4610,5205-8810
LST TO UTC: +05 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
44	.03*	.03	1.04	.64	1.43	2.00	2.47	1.41	.89	2.68	.10	.04	2.68*
45	1.40	.08	.50	.52	.16	4.36	2.62	1.90	7.57	.75	.24	1.15	7.57
46	.77	.09*							.95	1.43*			1.43*
52					1.30*	.82	1.50	.50	1.21	.87	.83	.36	1.50*
53	.91	1.43	1.09	2.20	.92	2.35	1.38	2.08	1.47	1.19	2.41	1.15	2.41
54	.37	.32	.56	.86	1.56	3.09	2.21	1.53	.88	2.13	2.11	.66	3.09
55	1.56	.33	1.14	.54	.90	1.07	1.22	1.09	2.09	.67	1.55	.84	2.09
56	1.40	.22	.06	1.48	1.46	2.47	.60	.66	1.91	4.42	.05	.10	4.42
57	.58	.81	1.40	1.13	2.47	1.84	2.17	1.46	1.08	.64	.61	1.57	2.47
58	.76	1.75	1.75	1.95	.74	3.20	2.60	.30	.68	2.11	.86	.74	3.20
59	1.10	2.01	2.09	2.56	.37	2.42	2.06	2.05	.96	1.77	.51	1.13	2.56
60	.95	1.20	5.41	.40	.40	.78	1.63	1.25	2.84	.65	.09	.41	5.41
61	1.27	1.35	.83	.36	.34	3.24	1.50	2.38	2.13	.99	.60	1.45	3.24
62	.41	1.79	.97	.81	1.63	2.11	2.49	1.21	1.55	.82	.84	1.17	2.49
63	.98	1.72	.92	.19	1.04	.73	.49	.62	1.44	.03	4.64	.79	4.64
64	2.84	.75	1.45	2.00	1.23	1.68	1.74	1.75	1.96	.73	.54	1.22	2.84
65	1.57	1.94	1.02	.15	.31	1.44	2.02	1.56	1.80	.95	.36	1.19	2.02
66	1.06	2.15	.85	1.38	1.35	2.57	.60	2.45	1.13	.70	.08	.53	2.57
67	.99	1.84	.34	.32	.61	1.33	2.01	1.40	1.26	.19	.05	1.64	2.01
68	.10	2.82	.54	.21	1.89	3.69	2.77	1.07	1.08	.88	1.02	.30	3.69
69	1.53	1.77	1.99	.39	1.14	1.54	.66	1.73	1.89	1.26	1.14	1.71	1.99
70	1.40	1.77	1.05	.28	1.77	1.85	2.12	.76	.43	1.17	.23	.77	2.12
71	.28	1.86	.55	.71	1.98	.77	1.03	2.43	1.34	1.23	1.06	1.12	2.43
72	.51	1.02	1.83	.39	.57	2.84	1.22	3.92	.24	2.44	1.02	1.08	3.92
73	1.75	.97	1.05	.95	1.07	1.62	1.93	1.59	1.51	.57	.51	.76	1.93
74	.15	.32	3.11	.92	.79	3.47	.88	1.60	1.72	.37	.15	.94	3.47
75	.41	.70	.50	1.11	1.67	2.00	2.31	1.76	1.73	2.43	.20	.20	2.43
76	.15	.52	.44	1.14	2.66	1.89	1.30	.70	1.50	.36	1.04	.76	2.66
77	.95	.67	1.50	.11	.44	1.21	1.47	1.03	3.56	.14	.70	.82	3.56
78	.94	2.36	1.31	.50	1.45	3.95	1.75	1.35	2.81	.58	.16	1.31	3.95
79	3.41	.63	1.59	.77	2.63	2.07	2.64	1.85	3.62	.20	.60	.41	3.62
80	1.03	.45	.98	1.93	3.14	1.32	1.10	1.10	1.05	.20	2.33	.27	3.14

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 4401-4610,5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.10	2.12	1.01	.16	1.23	4.40	1.22	.92	3.17	2.00	2.00	1.37	4.40
82	1.05	.42	1.13	3.03	1.64	2.45	3.75	1.11	1.50	.50	.29	.39	3.75
83	1.52	2.19	1.29	.75	1.22	1.66	1.19	1.15	1.75	1.13	1.09	2.79	2.79
84	.92	1.00	.99	3.78	.89	1.92	1.50	1.85	1.94	.53	.86	.12	3.78
85	.58	.52	4.06	.71	1.15	.96	1.58	2.57	2.21	1.38	.47	1.67	4.06
86	4.17	.87	.90	.23	.60	1.68	1.20	1.32	2.04	2.10	1.03	1.27	4.17
87	.78	.66	3.20	.47	.50	1.68	1.26	1.74	2.13	1.52	3.57	.49	3.57
88	1.20	.56	2.33	1.56	1.20	.87	1.92	1.20	1.73	.91			2.33*
GREATEST	4.17	2.82	5.41	3.78	3.14	4.40	3.75	3.92	7.57	4.42	4.64	2.79	7.57
TOTAL OBS	1203	1088	1178	1140	1190	1170	1209	1209	1200	1223	1140	1178	14128

THE GREATEST VALUE OF 7.57 OCCURRED ON 09/16/45

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: 5205-8810
LST TO UTC: +05 MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TRACE	.3												.0
0.1-0.4													
0.5-1.4													
1.5-2.4													
2.5-3.4													
3.5-4.4													
4.5-6.4													
6.5-10.4													
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS													
TOTAL NO. OF OBSERVATIONS	1116	1017	1116	1080	1132	1110	1147	1147	1110	1147	1080	1116	13318

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
52					.0*	.0	.0	.0	.0	.0	.0	.0	.0*
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			.0*
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEDIAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	1116	1017	1116	1080	1132	1110	1147	1147	1110	1147	1080	1116	13318

THE GREATEST VALUE OF TRACE OCCURRED ON 01/53

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
52					.0*	.0	.0	.0	.0	.0	.0	.0	.0*
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			.0*
GREATEST	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
TOTAL OBS	1116	1017	1116	1080	1132	1110	1147	1147	1110	1147	1080	1116	13318

THE GREATEST VALUE OF TRACE OCCURRED ON 01/08/58

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 5205-8810
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TRACE					.1								.0
1													
2													
3													
4-6													
7-12													
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS													
TOTAL NO. OF OBSERVATIONS	1116	1017	1116	1080	1132	1110	1147	1147	1110	1147	1080	1116	13318

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
52					0*	0	0	0	0	0	0	0	0*
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	TRACE	0	0	0	0	0	0	0	TRACE
82	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0

OPERATING LOCATION 'A'
USAFETAC: ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	0	0	0	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0			0*
GREATEST	0	0	0	0	TRACE	0	0	0	0	0	0	0	TRACE
TOTAL OBS	1116	1017	1116	1080	1132	1110	1147	1147	1110	1147	1080	1116	13318

THE GREATEST VALUE OF TRACE OCCURRED ON 05/20/51

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA

PERIOD OF RECORD: 5205-8810
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
57 - 58	JAN 08			JAN 08		
76 - 77	JAN 18			JAN 19		
MEDIAN-DATE	JAN 13			JAN 13		

```
PPPPPPPP        AAAAAA        RRRRRRRR        TTTTTTTTTT        CCCCCC
PPPPPPPPP      AAAAAAAA       RRRRRRRRR       TTTTTTTTTT       CCCCCCCC
PP      PP    AA      AA      RR      RR          TT          CC      CC
PP      PP    AA      AA      RR      RR          TT          CC
PPPPPPPPP     AA      AA      RRRRRRRRR           TT          CC
PPPPPPPP      AAAAAAAAAA      RRRRRRRR            TT          CC
PP            AAAAAAAAAA      RR    RR            TT          CC
PP            AA      AA      RR     RR           TT          CC      CC
PP            AA      AA      RR      RR          TT          CCCCCCCC
PP            AA      AA      RR       RR         TT           CCCCCC
```

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF PEAK SPEEDS ARE AVAILABLE.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: 5608-8810
LST TO UTC: +05 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
56								N 44	SSE 29	NW 34	NE 28	WNW 31	N *44
57	ENE 28	WSW 27	NW 33	SE 29	W 31	SSW 33	SW 41	N 42	W *29	E *23	NNW 31	WNW 28	N *42
58	NNE 36	NNW 38	W 35	SSE 31	W 30	SW 35	NNE*25	SSE 21	ENE 23	ENE 32	WNW 22	ENE 25	NNW*38
59	NW 30	SSW 35	*	W *16	W 28	SSW 37	W *31	S 22	N 30	S 27	NNW 25	N 29	SSW*37
60	SW 25	W *48	W 30	SSW 24	WNW 23	SSW 30	W *18	W *23	NW *25	SSW 31	ENE*16	SSW*29	W *48
61	S *28	NW *30	NNE 36	SW *36	WNW*28	WSW*52	E *29	NE *30	ESE*22	NNE*21	WSW*28	SSW*20	WSW*52
62	S 32	NNW 25	W 32	S 28	NNE 36	S 26	WSW*34	W 27	SSW*30	NNE*27	W *22	WNW*27	NNE*36
63	WSW*32	W *35	ENE*28	*	*	*	*	S *19	SSW*32	E *24	W *36	E *31	W *36
64	W 35	W 42	WNW 37	S 39	WNW 29	SSE 33	SW 31	NNE 41	S 38	SSW 30	N 26	NNE 29	W 42
65	N 38	W 48	W 50	NNW 36	NE 30	SSE 42	SE 32	W 25	ENE 40	N 24	SSE 30	ESE*28	W *50
66	NW *40	W *33	W 32	NW 34	SSW 35	E 44	WSW 33	E 38	SW 43	SSE 31	W 32	S 30	E *44
67	SSE 35	NW 30	NNE 32	ENE 26	SW 45	WSW 34	W 31	ESE 34	NNE 26	E *23	NE 28	WSW 36	SW *45
68	ENE 26	WNW 34	NW 33	N 26	N 32	NNE 33	ENE*27	ENE*29	E *26	N *21	NNE*19	NNW*21	WNW*34
69	N *19	E *19	E *21	ENE*23	NNE*20	N *17	E *36	NE *25	NNW*20	E *16	NNW*36	NNW*24	E *36
70	ENE*26	ENE*26	N *27	NNE*18	NNW*25	ESE*27	NNW*33	NE *22	NNE*20	N *16	ENE*28	ESE*28	NNW*33
71	ENE*30	ENE*34	E *30	*	E *22	E *28	ENE*24	ENE*25	NNE*14	NE *20	N *18	NNW*25	ENE*34
72	ESE*26	ENE*34	ENE*31	N *23	E *36	NE *33	ESE*34	NNE*14	NNE*17	ESE*26	ENE*20	N *20	E *36
73	E *25	NE *27	E *25	ESE*28	E *34	E *25	ESE*26	NE *30	N *36	NE *17	ESE*22	E *26	N *36
74	NNW*20	SW 36	W 35	E 26	N 40	SW 43	S 46	S 43	NW 39	NE 32	NE 27	NW 32	S *46
75	W *36	W 42	SW 33	W 32	NW 36	SE 37	SW 37	W 34	S 40	SE 29	NW 29	SE 30	W *42
76	W 35	SW 37	SW 37	NE 33	N 48	W 35	NE 35	N 31	NE 28	N 29	N 30	NW 29	N 48
77	NW 36	W 34	SW 27	NW 33	W 37	W 46	SW 36	S 41	S 34	SW 24	NW 26	SW 27	W 46
78	W 40	SW 32	W 35	W 32	SE 30	N 33	SW 41	W 32	E 22	N 27	S 24	S 36	SW 41
79	W 40	W 33	SW 40	SW 27	E 37	NE 40	SW 47	W 37	N 47	N 25	NE 28	W 29	SW 47
80	W 32	SW 33	W 40	SW 34	NW 52	E 30	SW 36	SE 36	N 34	W 25	SW 31	N 26	NW 52
81	SW 25	SW 36	SW 38	NE 26	W 55	SE 40	S 43	SE 33	N 31	NE 33	SE 31	SW 38	W 55
82	W 38	NW 32	SW 35	NW 49	SW 34	N 48	SW 40	W 37	NE 33	N 25	NE 24	SE 24	NW 49
83	SW 29	SW 34	SW 44	S 34	NW 33	SW 35	NE 50	NW 34	E 36	W 28	W 43	N 29	NE 50
84	S 26	W 34	W 36	SW 31	N 28	SW 28	S 35	E 31	S 37	E 30	NE 36	W 37	S 37
85	SW 32	W 38	W 30	W 29	SW 37	W 54	SW 47	SE 36	SE 24	W 29	SW 25	W 29	W 54
86	SW 36	SW 28	NW 28	SW 26	W 24	SW 27	W 24	S 27	W 17	SW 26	W 20	SW 30	SW 36
87	S 30	W 32	E 34	W 34	NE 27	SW 29	NE 17	NE 18	SE 16	NE 16	NW 18	W 30	E 34
88	W 33	SW 41	NW 37	SW 38	N 33	W 36	W 31	SW 36	NW 47	W 33			NW *47

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 5608-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GREATEST	NW 40	W 48	W 50	NW 49	W 55	W 54	NE 50	N 44	N 47	NW 34	W 43	SW 38	W 55
TOTAL OBS	810	778	823	765	824	796	778	836	792	825	754	808	9589

THE PEAK WIND OF 55 FROM W OCCURRED ON 05/20/81

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: 5608-8810
LST TO UTC: +05 MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	MEAN WIND	MEDIAN WIND	TOTAL OBS
JAN	.0	3.5	24.4	32.7	23.5	9.9	4.2	1.4	.5	.0	.0	18.6	18.0	810
FEB	.0	1.5	19.0	34.7	26.3	9.6	6.6	1.5	.6	.0	.0	19.6	19.0	778
MAR	.0	.1	15.8	37.5	25.6	11.5	6.7	1.9	.6	.1	.0	20.2	19.0	823
APR	.0	.3	14.4	40.3	31.0	9.7	3.8	.5	.1	.0	.0	19.5	19.0	765
MAY	.0	.4	15.5	42.4	27.3	9.2	2.7	1.8	.5	.2	.0	19.4	18.0	824
JUN	.0	1.1	15.3	37.2	28.6	9.4	5.4	1.1	1.5	.3	.0	20.0	19.0	796
JUL	.1	2.1	21.6	32.0	25.3	9.5	6.7	1.7	.9	.1	.0	19.5	18.0	778
AUG	.0	3.9	22.2	36.7	23.0	9.0	3.5	1.1	.6	.0	.0	18.4	18.0	836
SEP	.0	2.5	27.7	37.9	21.8	6.1	1.9	1.5	.6	.0	.0	17.8	17.0	792
OCT	.0	2.9	27.8	38.8	23.8	5.0	1.8	.0	.0	.0	.0	17.2	17.0	825
NOV	.1	4.4	30.6	37.4	19.9	5.6	1.2	.7	.1	.0	.0	16.9	16.0	754
DEC	.0	4.2	31.1	34.2	20.0	8.8	1.1	.6	.0	.0	.0	17.2	17.0	808
ANNUAL	.0	2.2	22.1	36.8	24.7	8.6	3.8	1.2	.5	.1	.0	18.7	18.0	9589

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.5	11.2	2.9	.1								16.7	7.1	7.0
020-040	1.8	5.3	.3									7.4	5.9	6.0
050-070	2.0	3.0	.2									5.3	5.3	5.0
(E) 080-100	.8	1.7	.2	.1								2.8	6.2	5.5
110-130	1.7	2.2	.2									4.1	5.6	5.0
140-160	1.1	2.7	.6	.2								4.6	7.3	7.0
(S) 170-190	2.3	4.2	1.2	.2	.2							8.1	7.2	6.0
200-220	1.4	1.9	.5	.2								4.1	6.7	6.0
230-250	2.3	3.1	.8									6.1	6.0	6.0
(W) 260-280	1.5	4.3	1.5	.3								7.6	7.5	7.0
290-310	2.6	6.5	2.6	.4								12.0	7.3	7.0
320-340	2.2	8.2	1.8	.3								12.5	7.3	7.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.7	//////	//////
TOTALS	22.2	54.3	12.8	1.8	.2							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
WSMETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.3	10.8	3.1									18.2	6.6	6.0
020-040	2.2	4.2	.5	.1								7.0	6.0	5.0
050-070	1.4	2.0	.5									4.0	6.0	6.0
(E) 080-100	1.5	1.0	.2									2.7	5.6	4.0
110-130	.8	2.0	.3	.1								3.2	6.9	6.5
140-160	1.3	2.9	.1									4.3	5.5	5.0
(S) 170-190	1.8	4.8	2.0	.4								9.1	7.5	7.0
200-220	.9	2.2	.3	.2								3.5	6.8	6.0
230-250	1.4	2.4	1.0	.1								4.8	6.6	5.0
(W) 260-280	1.0	2.7	.8			.1						4.5	7.1	6.0
290-310	1.9	6.1	3.3	.2								11.6	8.0	8.0
320-340	1.7	9.6	4.2	.3								15.8	7.9	8.0
VARIABLE														
CALM												11.2		
TOTALS	20.2	50.7	16.3	1.4		.1						100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.5	14.0	3.7	.1								20.2	7.1	7.0
020-040	1.3	4.3	.3									5.9	6.0	6.0
050-070	1.0	3.2	.1									4.3	5.9	6.0
(E) 080-100	1.3	1.6	.2									3.1	5.3	5.0
110-130	1.2	2.3	.2									3.7	5.9	6.0
140-160	1.7	2.7	.4	.2								5.1	6.2	5.0
(S) 170-190	2.6	4.7	1.8	.6								9.8	7.4	6.0
200-220	.8	1.4	.6									2.8	7.0	6.0
230-250	1.3	3.5	.5	.2	.1	.1						5.8	7.0	5.5
(W) 260-280	1.0	2.2	1.1	.4								4.6	8.0	6.0
290-310	1.4	4.6	2.6	.3								8.9	8.2	8.0
320-340	2.7	9.7	4.3	.2								16.9	7.6	7.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	8.9	////	////
TOTALS	18.8	54.2	15.8	2.0	.1	.1						100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	8.5	7.4	1.0								18.0	9.3	9.0
020-040	1.0	5.3	2.3	.1								8.6	7.8	7.0
050-070	1.0	5.1	.5									6.6	6.6	6.0
(E) 080-100	.8	.8	.9									2.4	7.5	6.5
110-130	1.1	2.5	1.4	.1								5.1	7.5	7.0
140-160	.6	2.3	1.7	.4								5.1	8.7	8.0
(S) 170-190	1.0	3.5	3.8	1.2	.1							9.6	9.9	10.0
200-220	.4	2.2	2.3	.4								5.3	9.8	10.0
230-250	.6	2.5	1.1	.4	.1							4.7	8.5	7.0
(W) 260-280	.3	2.4	1.3	.9								4.8	10.2	9.0
290-310	1.7	7.0	4.3	1.2								14.2	9.1	9.0
320-340	1.1	6.0	5.4	1.1								13.5	9.5	9.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.3	//////	//////
TOTALS	10.7	48.1	32.4	6.8	.2							100.0	8.7	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.1	4.2	4.4	.4								9.1	9.8	10.0
020-040	.2	3.4	2.8	.1								6.6	9.3	8.0
050-070	.6	3.4	3.0	.2								7.3	8.8	8.0
(E) 080-100	.2	3.1	1.3	.3								4.9	8.6	8.0
110-130	.9	3.3	1.9	.1								6.1	8.5	8.0
140-160	.1	1.9	1.8	.0	.2							4.8	10.8	10.0
(S) 170-190	.2	2.9	4.4	1.5	.4							9.5	11.6	12.0
200-220	.2	2.2	2.8	1.4	.2							6.8	11.3	11.0
230-250	.4	2.4	2.6	1.5	.2	.2						7.3	11.6	10.5
(W) 260-280	.5	2.2	4.7	2.2	.5							10.1	11.9	12.0
290-310	.3	8.3	7.2	1.5	.5							17.8	10.2	10.0
320-340	.3	5.4	3.4	.3								9.5	9.1	8.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	.1	////	////
TOTALS	3.9	42.7	40.3	10.3	2.0	.2						100.0	10.2	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	4.9	3.5	.2								9.5	8.4	8.0
020-040	.6	8.8	2.9	.1								12.5	7.8	8.0
050-070	.8	10.3	1.0	.1								12.2	6.9	6.0
(E) 080-100	1.7	7.4	1.2									10.3	6.7	6.0
110-130	.8	2.9	.4	.1								4.2	7.3	8.0
140-160	.5	1.9	1.3	.2								4.0	8.2	8.0
(S) 170-190	1.3	3.0	.3									4.6	6.3	6.0
200-220	.5	2.9	.8									4.2	7.0	6.0
230-250	.2	5.1	1.2	.3								6.8	7.7	7.0
(W) 260-280	.9	6.0	5.6	1.7	.2	.2						14.6	10.4	10.0
290-310	1.6	5.9	2.3	.5								10.3	7.8	7.0
320-340	1.2	2.9	.9									4.9	6.9	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.9	//////	//////
TOTALS	10.9	62.0	21.4	3.2	.2	.2						100.0	7.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.3	10.4	2.9	.2								15.8	7.2	7.0
020-040	2.0	6.7	1.0									9.7	6.4	6.0
050-070	2.3	6.0	.4									8.7	5.8	5.0
(E) 080-100	1.4	3.5		.1								5.1	5.5	5.0
110-130	.9	4.0	.1	.3								5.3	6.7	6.0
140-160	.6	3.8	.6									5.1	7.1	7.0
(S) 170-190	1.4	3.4	1.3	.4								6.6	7.4	6.0
200-220	.8	2.4	.5									3.7	6.8	6.0
230-250	.6	5.5	.8									6.9	6.8	6.0
(W) 260-280	1.1	8.0	2.8	.1	.1							12.0	7.8	7.0
290-310	1.1	5.9	3.1	.3	.2							10.6	8.7	8.0
320-340	1.1	3.8	1.3	.1	.1							6.3	7.7	7.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.3	//////	//////
TOTALS	15.6	63.4	14.8	1.5	.4							100.0	6.8	6.5

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	8.5	4.0	.3								14.5	7.9	8.0
020-040	1.2	5.2	1.6	.1								8.1	7.3	7.0
050-070	1.2	4.6	1.1	.1								7.1	7.0	6.0
(E) 080-100	1.0	2.8	.8	.1								4.8	7.1	6.0
110-130	.9	2.7	.8	.1								4.6	7.3	7.0
140-160	.8	2.6	1.0	.2	.0							4.7	7.8	7.0
(S) 170-190	1.3	3.8	2.2	.7	.1							8.1	8.6	8.0
200-220	.6	2.1	1.3	.4	.0							4.4	8.6	8.0
230-250	.9	3.4	1.5	.5	.1	.1						6.5	8.5	7.0
(W) 260-280	.8	4.0	2.8	1.0	.2	.1						8.8	9.8	9.0
290-310	1.5	6.4	4.0	.8	.1							12.8	8.9	8.0
320-340	1.4	6.5	2.9	.3	.0							11.0	8.0	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.7	//////	//////
TOTALS	13.3	52.6	24.0	4.6	.5	.2						100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	12.3	7.5	.5								21.6	8.4	8.0
020-040	1.0	8.2	3.9	.2								13.4	8.2	8.0
050-070	1.0	6.0	.5									7.5	6.4	6.0
(E) 080-100	.6	.7	.6	.5								2.3	8.7	6.5
110-130	.5	.7	.7	.7								2.5	10.7	12.5
140-160	.7	2.0	.7	.3								3.7	7.8	6.0
(S) 170-190	.6	3.2	4.2	.9								8.9	10.1	10.0
200-220	.2	1.7	2.0	.3								4.3	9.8	10.0
230-250	.6	2.9	2.2	.2	.1							6.0	8.8	8.0
(W) 260-280	.1	1.6	1.3	1.2								4.2	11.2	11.5
290-310	1.3	5.1	3.1	.7								10.2	8.8	8.0
320-340	1.2	7.1	3.8	.2								12.3	8.5	8.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	3.1	////	////
TOTALS	9.2	51.5	30.5	5.7	.1							100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 865

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	8.0	3.3	.4								13.5	7.6	7.0
020-040	2.6	4.6	.9									8.1	6.1	6.0
050-070	2.1	5.1	.6									7.8	6.0	6.0
(E) 080-100	.8	3.5	.1	.1	.1							4.7	6.5	6.0
110-130	1.1	4.0	.2									5.3	6.1	6.0
140-160	1.2	2.2	1.1	.2								4.7	7.6	7.0
(S) 170-190	1.8	3.9	1.1	.4								7.1	7.3	6.5
200-220	1.8	3.2	.8									5.8	6.4	6.0
230-250	2.4	4.2	1.1	.5	.1							8.2	7.1	6.0
(W) 260-280	2.4	4.8	1.2	.6	.1							9.1	7.3	6.0
290-310	2.2	5.7	1.1	.8								9.8	7.3	6.0
320-340	2.2	3.5	1.4	.1								7.3	6.7	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.6	//////	//////
TOTALS	22.5	52.7	12.9	3.1	.3							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 949

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.5	9.5	2.4	.4								15.8	6.9	6.0
020-040	3.1	4.4	.8	.1								8.4	5.8	5.0
050-070	1.6	3.5	.7									5.9	6.1	6.0
(E) 080-100	1.8	2.0	.1	.1								4.0	5.3	5.0
110-130	1.3	1.6	.5									3.4	5.9	5.0
140-160	1.6	2.2	.9	.1								4.9	7.0	7.0
(S) 170-190	2.8	2.9	1.4	1.2	.1							8.5	8.0	6.5
200-220	.9	3.4	.2									4.6	6.9	7.0
230-250	1.4	4.1	.7	.1								6.4	6.5	6.0
(W) 260-280	2.1	4.2	1.4	.5	.1	.1						8.5	7.8	6.0
290-310	1.8	4.4	1.9	.5								8.5	7.8	6.0
320-340	1.9	5.7	2.9	.2								10.7	7.7	7.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.5	//////	//////
TOTALS	23.8	47.9	13.9	3.2	.2	.1						100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.8	10.7	3.4	.2								18.1	7.1	6.0
020-040	2.9	5.5	1.1	.1								9.7	6.0	5.0
050-070	3.9	3.2	.2	.1								7.4	5.3	4.0
(E) 080-100	.9	2.5										3.4	5.3	5.0
110-130	.9	1.9		.1								2.9	5.6	5.0
140-160	.2	2.1	.9	.2								3.5	8.4	7.5
(S) 170-190	1.4	4.0	2.4	.7								8.5	8.3	7.0
200-220	1.4	2.5	.7									4.6	6.4	6.0
230-250	1.5	3.3	.6									5.4	6.0	5.0
(W) 260-280	1.3	2.5	1.6	.6								6.0	8.1	6.0
290-310	2.5	3.7	2.9	.2								9.3	7.5	6.0
320-340	1.6	6.1	2.7	.4								10.8	7.9	7.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.2	//////	//////
TOTALS	22.3	48.0	16.5	2.6								100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 09-11

	WIND SPEED IN KNOTS													
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	8.4	5.7	.8								16.0	9.0	9.0
020-040	1.1	5.5	3.1									9.7	8.0	8.0
050-070	1.1	4.8	2.0	.2	.1							8.2	8.1	8.0
(E) 080-100	1.2	3.8	1.8	.1								6.8	7.9	7.0
110-130	.8	3.5	1.8	.4	.2							6.7	8.8	8.0
140-160	.7	2.4	2.7	1.1								6.8	10.3	10.5
(S) 170-190	.8	1.8	3.3	2.6	.4							8.8	11.8	12.0
200-220	.7	1.5	1.4	.6	.1							4.4	9.6	9.0
230-250	1.1	2.2	.7	.2								4.2	7.4	7.0
(W) 260-280	.6	1.8	1.8	1.4	.5							6.0	11.5	11.0
290-310	1.4	5.5	3.5	1.5								12.0	9.3	8.0
320-340	.5	4.9	3.7	.8								9.9	9.4	9.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.4	//////	//////
TOTALS	11.2	46.1	31.5	9.7	1.3							100.0	9.2	9.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.7	3.9	3.2	.7	.1							8.6	9.5	9.0
020-040	.7	2.9	2.7	.8								7.2	9.6	9.0
050-070	.1	2.2	3.2	.9	.1							6.6	10.7	10.5
(E) 080-100	.2	3.3	5.7	1.3								10.5	10.8	11.0
110-130	.2	2.6	2.5	.6								5.9	9.8	10.0
140-160	.1	1.8	.9	.8								3.7	10.5	9.0
(S) 170-190	.2	2.4	3.5	1.1	.2							7.4	10.8	10.0
200-220	.1	3.1	3.2	.9	.1							7.4	10.6	10.0
230-250	.1	3.4	3.7	1.3	.2							8.7	11.0	11.0
(W) 260-280	.2	3.2	5.2	2.4	.5	.2						11.7	12.1	12.0
290-310	1.3	7.1	4.0	1.3	.5							14.1	9.4	8.5
320-340	.2	5.2	2.5									7.9	8.3	8.0
VARIABLE														
CALM												.4		
TOTALS	4.1	41.1	40.3	12.1	1.7	.2						100.0	10.3	10.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	3.5	2.4	.5								6.9	8.6	8.0
020-040	.7	5.4	5.2	.6								11.9	9.3	9.0
050-070	.2	10.4	3.4	.1								14.1	8.2	8.0
(E) 080-100	.6	8.7	3.8	.1	.1							13.3	8.4	8.0
110-130	.5	3.5	2.4									6.4	8.6	8.0
140-160	.4	1.3	.9	.1								2.7	8.9	9.0
(S) 170-190	.7	2.1	.8	.5								4.1	8.7	9.0
200-220	.5	4.0	.6	.2								5.3	7.4	7.0
230-250	.5	5.5	2.2	1.1	.1							9.4	9.1	8.0
(W) 260-280	.8	5.2	4.7	1.4	.1							12.2	9.7	10.0
290-310	1.6	4.5	1.5	.1								7.8	7.2	6.5
320-340	.9	3.2	.9	.2								5.3	7.3	7.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.5	//////	//////
TOTALS	8.0	57.3	28.8	4.9	.3							100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 849

[illegible] LOCATION "A"
[illegible], ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.0	6.0	3.9	.1								12.0	7.9	8.0
020-040	2.4	10.5	.7	.1								13.7	6.5	6.0
050-070	1.8	7.2	.7	.1								9.8	6.3	6.0
(E) 080-100	2.4	5.9			.1							8.4	5.9	6.0
110-130	1.2	5.3	1.3		.1							7.9	7.2	7.0
140-160	1.3	2.5	.8	.6								5.2	7.9	7.0
(S) 170-190	.7	3.2	.2									4.1	6.4	6.0
200-220	.7	3.4	.8	.7	.1							5.8	8.5	7.0
230-250	1.6	5.7	1.4	.7								9.4	7.6	7.0
(W) 260-280	1.4	7.2	2.0	.4								11.0	7.8	8.0
290-310	.7	4.1	1.5									6.4	7.4	7.0
320-340	.6	2.5	.8	.1								4.0	7.1	6.0
VARIABLE														
CALM												2.5		
TOTALS	16.8	63.5	14.1	2.8	.3							100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	6.7	3.5	.5	.0							12.5	8.1	8.0
020-040	1.7	5.3	2.1	.3								9.4	7.4	7.0
050-070	1.4	4.9	1.6	.3	.0							8.3	7.6	7.0
(E) 080-100	1.0	4.0	1.9	.4	.0							7.3	8.2	7.0
110-130	.8	3.1	1.5	.2	.1							5.6	8.1	7.0
140-160	.7	2.1	1.4	.6								4.8	9.1	9.0
(S) 170-190	1.1	2.8	2.1	1.1	.1							7.3	9.5	9.0
200-220	.8	2.9	1.2	.5	.1	.0						5.6	8.6	8.0
230-250	1.1	3.9	1.6	.6	.1							7.4	8.4	7.0
(W) 260-280	1.1	4.0	2.5	1.2	.3	.0						9.1	9.6	8.0
290-310	1.5	5.1	2.6	.8	.1							10.2	8.5	8.0
320-340	1.0	4.7	2.4	.3								8.4	8.1	8.0
VARIABLE														
CALM												4.1		
TOTALS	14.0	49.5	24.6	6.8	.8							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	9.3	8.8	1.9								21.1	9.5	10.0
020-040	.7	7.6	4.8	.6								13.8	8.9	8.0
050-070	.9	3.7	1.3	.4								6.3	8.3	8.0
(E) 080-100	.7	1.5	.1	.3	.3							2.9	8.3	5.5
110-130	.4	1.2	.6									2.2	7.7	7.0
140-160	.9	2.2	1.6	.9								5.6	9.3	8.5
(S) 170-190	1.3	2.8	5.3	2.3								11.7	10.6	11.0
200-220	.3	3.4	2.1	.7	.1							6.6	9.8	9.0
230-250	1.0	3.8	1.9	.6	.3							7.6	8.9	8.0
(W) 260-280	1.2	1.9	.9	.7								4.7	8.5	8.0
290-310	1.9	3.2	1.0	.3								6.5	7.0	6.0
320-340	1.0	4.1	3.7	.3								9.1	8.6	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.8	//////	//////
TOTALS	11.5	44.7	32.1	9.0	.7							100.0	8.9	8.0

TOTAL NUMBER OF OBSERVATIONS 681

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	5.6	.9									8.3	6.2	6.0
020-040	1.9	5.9	.4									8.3	5.7	5.0
050-070	2.9	4.6	.3	.1								8.0	5.5	5.0
(E) 080-100	1.5	3.9	.8									6.1	6.0	6.0
110-130	1.2	4.6	1.1	.2								7.1	6.9	6.0
140-160	2.4	4.6	2.0	.2								9.2	7.2	7.0
(S) 170-190	1.7	4.3	2.2	.6								8.8	8.1	7.0
200-220	1.6	3.1	.8	.3	.1							5.9	7.3	6.0
230-250	2.0	5.1	1.1	.3	.2							8.7	7.2	6.0
(W) 260-280	1.3	5.7	.6	.2	.2							8.1	6.9	6.0
290-310	2.2	4.2	1.6	.6								8.6	7.4	6.0
320-340	1.6	2.7	1.2	.2	.1							5.8	7.6	7.5
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.1	//////	//////
TOTALS	22.1	54.3	13.0	2.7	.6							100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.2	7.7	.5									11.5	6.0	6.0
020-040	2.4	5.5	.3									8.2	5.5	5.0
050-070	1.9	3.1	.4									5.5	5.4	5.0
(E) 080-100	1.2	2.7	.4	.1								4.4	6.1	6.0
110-130	1.0	4.1	1.1									6.1	6.9	6.0
140-160	1.8	2.4	2.4	.2								6.8	7.8	8.0
(S) 170-190	2.4	5.7	2.3	.5	.2							11.1	7.6	6.0
200-220	2.3	2.3	1.0	.1								5.6	6.4	5.5
230-250	1.7	3.3	1.5	.3								6.9	7.3	6.0
(W) 260-280	1.9	4.4	.9	.5	.1							7.8	7.3	6.0
290-310	1.9	3.5	1.0	.4								6.9	7.1	6.0
320-340	1.6	4.9	2.0	.1								8.7	7.5	7.0
VARIABLE														
CALM												10.5		
TOTALS	23.3	49.6	13.8	2.2	.3							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.1	8.7	1.0									12.8	6.1	6.0
020-040	2.8	6.0	.1									8.9	5.5	5.0
050-070	1.9	4.6	1.1	.2								7.8	6.4	6.0
(E) 080-100	1.3	2.8	.2	.1								4.4	6.1	6.0
110-130	1.2	3.9	.6	.1								5.8	6.8	7.0
140-160	.6	4.2	1.7	.3								6.9	8.0	7.0
(S) 170-190	2.3	4.6	3.3	.8	.1							11.1	8.5	8.0
200-220	1.4	1.8	1.8	.2	.1							5.4	8.1	8.0
230-250	2.2	2.4	.9	.3								5.7	6.7	6.0
(W) 260-280	1.0	2.8	.9	1.0								5.6	8.4	6.5
290-310	1.7	3.1	2.2	.9								7.8	8.6	8.0
320-340	2.3	5.6	2.0	.3								10.2	7.2	7.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.5	//////	//////
TOTALS	21.8	50.5	15.8	4.2	.2							100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	4.5	4.1									9.1	8.9	8.0
020-040	.5	6.1	1.9									8.6	8.0	8.0
050-070	.9	3.8	3.0	1.2								8.8	9.6	9.0
(E) 080-100	.1	2.8	2.8	1.0								6.7	10.1	10.0
110-130	.8	3.8	3.1	.9								8.5	9.3	9.0
140-160	.5	2.9	4.4	2.3	.1							10.2	11.2	11.0
(S) 170-190	.2	3.8	3.1	2.3	.3							9.7	11.1	10.0
200-220	.8	1.7	2.4	.8	.4							6.0	10.9	10.0
230-250	.4	2.2	1.9	1.1	.2							5.8	10.5	10.0
(W) 260-280	.6	1.5	1.9	1.7	.2							6.0	11.3	11.0
290-310	.5	3.7	3.8	2.0	.3							10.3	11.0	11.0
320-340	.5	4.3	4.2	.8								9.8	9.3	10.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.4	//////	//////
TOTALS	6.3	41.1	36.6	14.1	1.5							100.0	10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	3.1	2.0									5.4	8.7	8.0
020-040	.1	2.5	1.6	.4								4.6	9.5	9.0
050-070	.8	4.0	3.7	1.6								10.0	10.2	10.0
(E) 080-100	.5	2.8	3.9	1.2	.1							8.5	10.7	11.0
110-130	.3	3.7	4.9	1.1	.1							10.1	10.4	10.0
140-160	.2	1.6	3.8	1.9								7.5	11.7	12.0
(S) 170-190	.6	2.7	3.7	2.2	.4							9.6	11.6	12.0
200-220		1.6	3.2	.9	.2							5.9	11.9	12.0
230-250	.8	3.0	3.8	1.4	.9	.1						9.9	11.6	11.5
(W) 260-280	.2	2.5	2.9	2.9	1.3	.2						10.0	13.4	13.0
290-310	.3	4.7	3.3	2.2	.3	.1						11.0	11.2	10.0
320-340	.3	4.0	2.7	.2								7.2	8.9	8.0
VARIABLE														
CALM												.3		
TOTALS	4.3	36.2	39.5	16.0	3.3	.4						100.0	10.9	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.1	1.8	1.1	.1								3.1	8.8	8.0
020-040	.2	2.2	2.0	.1								4.5	9.1	9.0
050-070	.3	3.7	5.6	1.8								11.4	10.6	10.0
(E) 080-100	.4	2.9	5.8	1.8	.1	.1						11.2	11.5	12.0
110-130	.5	2.0	5.5	1.3								9.4	10.7	11.0
140-160	.4	2.0	2.3	.6								5.4	10.1	10.0
(S) 170-190		3.0	4.7	1.0	.3							9.0	11.1	10.0
200-220	.2	3.2	2.5	1.3	.5							7.7	11.2	10.0
230-250	.2	2.3	4.3	1.7	1.0	.1						9.6	12.8	12.0
(W) 260-280	.2	3.2	4.1	3.2	1.0	.3	.1					12.2	13.1	13.0
290-310	.5	5.3	4.5	1.7	.3	.2						12.6	10.5	10.0
320-340	.1	2.6	1.0	.2								3.9	8.7	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.1	//////	//////
TOTALS	3.1	34.2	43.4	14.8	3.2	.7	.1					100.0	11.1	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	2.3	.8	.1								3.7	7.7	7.5
020-040	.2	2.7	2.2	.3								5.4	9.4	9.0
050-070	.5	9.0	5.8	.2								15.6	8.7	8.0
(E) 080-100	.2	9.8	6.1	.3								16.5	8.9	8.0
110-130	.2	5.9	6.5	.3								12.9	9.7	10.0
140-160	.1	2.6	1.6	.1								4.4	8.8	9.0
(S) 170-190	.4	2.0	1.6	.5								4.6	9.2	9.0
200-220	.1	2.0	1.8	.6								4.6	10.4	10.0
230-250	.1	4.7	3.9	.3	.1							9.1	9.5	9.0
(W) 260-280	.5	3.4	5.4	2.7	.3							12.4	11.4	11.0
290-310	.3	3.8	1.7	1.3	.2	.1						7.4	10.1	8.0
320-340	.5	1.8	.8									3.1	6.9	7.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.3	//////	//////
TOTALS	3.6	50.0	38.2	6.7	.6	.1						100.0	9.4	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.5	4.0	.9									6.3	6.7	6.0
020-040	1.2	8.9	1.0									11.1	6.4	6.0
050-070	1.6	9.8	.4	.1								11.9	6.1	6.0
(E) 080-100	1.0	7.1	.9	.2								9.1	6.7	6.0
110-130	.8	10.6	1.7	.1								13.2	7.3	7.0
140-160	.8	3.9	1.6	.1	.1							6.5	8.5	8.0
(S) 170-190	.8	4.7	1.5	.4	.1							7.5	8.3	7.5
200-220	.5	2.8	1.3	.1								4.7	8.1	8.0
230-250	.6	7.6	.4	.3								9.0	7.1	7.0
(W) 260-280	.6	4.7	3.0	.1								8.5	8.7	8.0
290-310	.6	5.2	2.0	.5	.3							8.7	8.9	8.0
320-340	.8	1.0	.4	.1								2.3	7.2	5.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.1	//////	//////
TOTALS	10.8	70.3	15.1	2.0	.5							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	4.7	1.4	.0								7.5	7.1	7.0
020-040	1.2	5.0	1.2	.1								7.4	7.0	6.0
050-070	1.4	5.3	2.5	.7								9.9	8.1	7.0
(E) 080-100	.8	4.3	2.6	.6	.0	.0						8.4	8.7	8.0
110-130	.7	4.8	3.1	.5	.0							9.1	8.7	8.0
140-160	.9	3.0	2.5	.7	.0							7.1	9.2	9.0
(S) 170-190	1.0	3.9	2.8	1.0	.2							8.9	9.4	9.0
200-220	.9	2.3	1.8	.5	.2							5.7	9.4	9.0
230-250	1.0	3.8	2.2	.7	.3	.0						8.1	9.3	8.0
(W) 260-280	.8	3.5	2.5	1.5	.4	.1	.0					8.8	10.4	10.0
290-310	1.0	4.2	2.5	1.2	.2	.1						9.2	9.6	8.0
320-340	1.0	3.4	1.8	.2	.0							6.4	8.0	8.0
VARIABLE														
CALM												3.4		
TOTALS	12.1	48.2	26.9	7.7	1.3	.2						100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	5.8	1.2									8.2	7.2	7.0
020-040	.6	2.8	.6									4.0	7.1	7.0
050-070	1.2	3.8	3.0	.8								8.8	9.1	9.0
(E) 080-100	.6	2.4	.8	1.4								5.2	9.8	9.0
110-130	.6	2.4	1.6		.2							4.8	8.8	8.5
140-160	.8	3.4	4.2	.4								8.8	9.5	10.0
(S) 170-190	.8	5.6	9.6	2.6								18.6	10.9	10.0
200-220		3.0	2.8	.6	.2							6.6	10.3	10.0
230-250	.5	4.0	2.6	1.0	.4							8.6	9.8	9.0
(W) 260-280	.4	3.2	1.6	1.0	.6							6.8	10.2	9.0
290-310	.8	4.8	3.2	.8		.2						9.8	9.3	9.0
320-340	.2	4.4	2.6	.4								7.6	8.6	8.0
VARIABLE														
CALM												2.0		
TOTALS	7.8	45.6	33.8	9.0	1.4	.2						100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS 499

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	3.2	.7									5.8	5.8	5.0
020-040	2.7	4.4	.4									7.6	5.6	5.0
050-070	2.6	4.1	.4									7.1	5.5	5.0
(E) 080-100	2.1	3.9	.1	.1								6.2	5.4	5.0
110-130	2.9	5.1	.7	.1								8.8	5.9	5.0
140-160	2.0	4.4	1.0	.2								7.7	6.8	7.0
(S) 170-190	2.1	5.4	.8									8.3	6.1	6.0
200-220	1.8	5.7	.7									8.1	6.1	6.0
230-250	2.7	8.1	.8									11.6	6.1	6.0
(W) 260-280	2.1	7.0	.7	.2								10.0	6.4	6.0
290-310	2.3	4.9	.9	.3								8.4	6.5	6.0
320-340	1.2	2.2	.4									3.9	6.3	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.6	//////	//////
TOTALS	26.4	58.4	7.6	.9								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.4	5.1	.3									7.9	5.6	6.0
020-040	4.3	4.2	.4									9.0	5.1	5.0
050-070	3.0	3.9	.1									7.0	5.1	5.0
(E) 080-100	2.2	2.3	.3									4.9	5.4	5.0
110-130	1.7	4.3	.3	.1								6.4	5.9	6.0
140-160	1.9	3.4	.1	.2								5.7	5.9	5.0
(S) 170-190	2.3	5.7	1.3	.1								9.4	6.6	6.0
200-220	2.3	3.9	.4									6.7	5.6	5.0
230-250	2.8	6.0	.9									9.7	6.2	6.0
(W) 260-280	1.7	4.9	.8									7.3	6.3	6.0
290-310	2.1	5.8	.1	.1								8.1	6.2	6.0
320-340	1.9	5.0	.6									7.4	6.4	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.4	//////	//////
TOTALS	28.6	54.5	5.6	.5								100.0	5.3	5.5

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.7	7.9	.9	.1								11.6	6.5	6.0
020-040	2.1	4.6		.4								7.1	5.9	5.0
050-070	2.0	5.9	.2									8.1	5.7	6.0
(E) 080-100	1.8	2.9	.4									5.1	5.5	5.0
110-130	1.7	4.2	.6	.1								6.6	6.2	6.0
140-160	1.9	2.9	1.3	.1								6.2	7.0	7.0
(S) 170-190	1.8	5.3	1.6	.4								9.1	7.3	6.5
200-220	1.2	4.8	1.4									7.4	6.7	6.0
230-250	1.8	5.0	1.3									8.1	6.6	6.0
(W) 260-280	1.9	4.3	.3	.1								6.7	6.1	6.0
290-310	1.4	4.9	1.2									7.6	7.1	7.5
320-340	2.1	5.3	.9	.1								8.4	6.5	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.0	//////	//////
TOTALS	22.4	58.0	10.1	1.3								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	1.8	1.2									3.4	7.6	8.0
020-040	.4	2.1	2.2	.3	.2							5.3	10.1	10.0
050-070	.6	1.8	3.9	.6								6.8	10.3	11.0
(E) 080-100	.4	3.2	3.2	.9								7.8	10.2	10.0
110-130	.2	3.8	5.0	1.8								10.8	10.9	11.0
140-160	.6	3.4	3.9	.9								8.8	10.0	10.0
(S) 170-190	.2	3.9	4.0	1.0	.2							9.3	10.4	10.0
200-220	.1	2.7	2.7	2.3	.1							7.9	11.5	12.0
230-250	.3	2.4	3.7	2.3	.1	.3						9.4	12.1	12.0
(W) 260-280	.3	3.0	5.2	1.8	.2							10.6	11.5	12.0
290-310	.2	5.0	4.6	1.1	.3							11.2	10.1	10.0
320-340	.4	5.0	2.6	.3								8.3	8.5	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.3	//////	//////
TOTALS	4.1	38.1	42.4	13.3	1.1	.3						100.0	10.4	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION: NAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FOR HOURLY OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: [illegible] INT FIELD
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.[illegible]	1.[illegible]	.3									2.0	6.7	7.0
020-040	.2	4.[illegible]	1.8									6.1	8.3	8.0
050-070	.	7.1	[illegible]	.2								12.6	9.2	9.0
(E) 080-100	.3	11.[illegible]	7.7	.[illegible]								19.4	9.1	9.0
110-130	.4	7.7	[illegible]	.4								14.0	9.2	9.0
140-160	.[illegible]	[illegible]	1.[illegible]									4.0	7.8	8.0
(S) 170-190	.2	2.2	.[illegible]	.1								3.3	8.1	8.0
200-220	.1	2.1	.[illegible]	.2	.1							3.3	9.1	8.0
230-250	.3	[illegible]	[illegible]	1.[illegible]	.2							12.9	10.1	10.0
(W) 260-280	.1	[illegible]	7.[illegible]	1.[illegible]	.3							13.3	10.7	10.5
290-310	.3	3.4	2.[illegible]	.2								6.0	8.6	8.5
320-340	.4	1.[illegible]	.[illegible]									2.8	7.0	7.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	.2	//////////	
TOTALS	3.3	62.6	34.3	3.7	.5							100.0	9.2	9.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO TAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.6	2.4	.3	.1								4.4	6.1	6.0
020-040	1.5	6.3	.3	.1								8.3	6.3	6.0
050-070	3.7	7.5	.3									11.8	5.8	6.0
(E) 080-100	1.1	10.1	.3									11.6	6.2	6.0
110-130	2.3	10.4	1.6	.1								14.4	7.0	7.0
140-160	1.1	5.2	1.3									7.7	7.0	6.0
(S) 170-190	1.1	3.3	.3									4.8	6.1	6.0
200-220	.6	3.2	1.3	.1								5.2	7.6	7.0
230-250	.3	6.1	2.3	.1								10.9	7.6	8.0
(W) 260-280	.9	7.8	3.1	.2								11.9	8.0	8.0
290-310	.4	3.3	1.0	.3	.1							5.7	8.2	8.0
320-340	.3	.9	.3	.1								1.9	6.5	6.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	1.4	////	////
TOTALS	15.2	43.2	12.7	1.0	.1							100.0	6.8	6.0

TOTAL NUMBER OF OBSERVATIONS 288

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO TAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	3.3	1.0	.1								5.6	6.9	6.0
020-040	1.5	3.8	1.1	.2	.0							6.7	7.1	6.0
050-070	1.6	4.5	2.3	.3								8.8	7.7	7.0
(E) 080-100	1.1	5.1	2.7	.4								9.4	8.3	8.0
110-130	1.3	5.5	3.0	.5								10.3	8.3	8.0
140-160	1.1	3.4	2.0	.4	.0							6.9	8.3	8.0
(S) 170-190	1.2	4.2	1.8	.6	.1							7.7	8.4	8.0
200-220	.9	3.5	1.5	.7	.0							6.6	8.4	7.0
230-250	1.2	5.2	3.0	.8	.1	.1						10.4	8.9	8.0
(W) 260-280	1.0	4.8	3.2	.9	.2							10.1	9.2	8.0
290-310	1.0	4.7	2.2	.5	.1							8.5	8.4	8.0
320-340	.9	3.5	1.2	.1		.0						5.7	7.4	7.0
VARIABLE														
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.4	//////////	//////////
TOTALS	13.3	51.6	25.0	5.5	.5	.1						100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.5	2.4	1.2	.3								5.5	7.1	7.0
020-040	.9	3.0	1.8									5.8	7.9	9.0
050-070	.9	2.7	1.2	.3								5.2	7.9	7.0
(E) 080-100	2.1	.9	3.3	.3								6.7	8.8	10.0
110-130	.9	1.3	2.7	1.2								8.2	9.9	9.0
140-160	2.1	2.4	1.5	.6								6.7	7.9	7.5
(S) 170-190	.9	7.0	3.6	.6								12.1	8.5	8.0
200-220	1.5	5.3	3.9	.6								11.8	8.3	8.0
230-250	.6	5.7	2.4	.3								10.0	8.7	8.0
(W) 260-280	1.2	3.3	2.1	.6								7.3	8.4	8.0
290-310	.3	5.1	1.5									8.2	8.0	8.0
320-340	2.4	3.9	1.5									7.9	6.5	5.5
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.8	//////	//////
TOTALS	15.3	47.5	27.0	4.8								100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 330

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	4.5	.8									7.0	6.3	6.0
020-040	3.5	5.7	.2									9.5	5.2	5.0
050-070	3.5	7.5	.1									11.2	5.2	5.0
(E) 080-100	3.0	7.5	.3									10.9	5.4	5.0
110-130	4.6	5.5	.3									10.4	5.1	5.0
140-160	3.1	6.8	.9									10.8	6.0	6.0
(S) 170-190	3.1	7.4	.2									10.8	5.7	6.0
200-220	1.2	2.3										3.4	5.6	6.0
230-250	2.3	5.2	.1									7.5	5.3	5.0
(W) 260-280	1.6	4.3	.1	.1								6.1	6.0	5.0
290-310	.8	1.4	.2									2.4	5.8	6.0
320-340	.8	2.4	.1									3.2	6.0	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.9	//////	//////
TOTALS	29.2	60.5	3.3	.1								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 833

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.3	7.0	.5									10.9	5.8	5.0
020-040	5.1	6.2	.1	.1								11.5	4.9	5.0
050-070	5.2	5.6										10.8	4.7	5.0
(E) 080-100	2.7	4.5	.1									7.3	5.2	5.0
110-130	3.9	4.0	.2									9.1	5.0	5.0
140-160	1.9	3.4	.5									6.3	5.7	5.0
(S) 170-190	3.5	4.9	.6									9.0	5.8	5.0
200-220	1.9	3.2										5.1	5.3	5.0
230-250	2.2	3.1	.1									5.4	5.3	5.0
(W) 260-280	1.9	3.0										4.9	5.3	5.0
290-310	.5	2.6	.2									3.4	6.3	6.0
320-340	1.3	1.8	.1									3.2	5.4	5.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	14.1	//////	//////
TOTALS	33.4	49.5	2.0	.1								100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION MAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.1	5.6	1.1									9.8	6.4	6.0
020-040	3.0	6.8	.4									10.2	5.8	5.0
050-070	4.1	10.2	.5									14.8	5.7	5.0
(E) 080-100	2.7	6.3	.3									9.4	5.6	6.0
110-130	2.5	6.8	.8									9.6	5.9	5.0
140-160	1.8	5.2	1.0									7.3	6.7	6.0
(S) 170-190	2.8	4.8	1.5									9.1	6.6	6.0
200-220	1.1	3.3	.4									4.8	6.2	6.0
230-250	2.2	3.4	.1	.2								5.9	5.9	5.0
(W) 260-280	.9	3.8	.4									5.1	6.7	7.0
290-310	.8	2.9	.4									4.1	6.6	6.0
320-340	1.3	1.6	.3									3.2	5.6	5.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.7	//////	//////
TOTALS	25.7	60.2	7.2	.2								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	2.6	1.5	.2								5.1	8.5	8.0
020-040	.3	2.0	3.0	.6								6.0	10.2	10.0
050-070	.5	5.7	6.0	1.3								13.5	10.0	10.0
(E) 080-100	.9	5.2	8.3	.6								14.9	9.9	10.0
110-130	.6	5.4	4.7	.3								11.1	8.9	9.0
140-160	.2	5.6	2.6	.1								9.5	8.2	8.0
(S) 170-190	.2	4.4	3.7	.1								8.4	9.5	9.0
200-220	.2	3.9	3.0	.8								7.8	9.7	9.0
230-250	.5	2.7	2.4	.8	.2							6.9	10.0	10.0
(W) 260-280	.2	3.3	1.6	.5		.1						6.2	9.1	8.0
290-310	.3	2.8	1.8	.4								5.4	9.1	9.0
320-340	1.2	2.6	1.1									4.8	7.2	7.0
VARIABLE														
CALM												.3		
TOTALS	5.6	47.9	40.1	5.5	.2	.1						100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.1	1.1	1.2		.1							2.5	9.9	10.0
020-040	.3	1.8	3.2	.9	.1	.1						6.5	11.1	10.5
050-070	.2	3.1	10.9	2.3								16.5	11.3	11.0
(E) 080-100	.1	6.6	13.1	1.8		.1						21.7	10.8	11.0
110-130	.3	5.5	7.6	.9	.1							14.4	10.2	10.0
140-160	.1	3.4	1.7	.4								5.7	9.4	9.0
(S) 170-190	.1	3.3	1.9	.2								5.6	8.8	9.0
200-220	.2	2.9	2.9	.5								6.6	9.7	10.0
230-250	.3	3.2	2.9	1.1	.1							7.6	10.5	10.0
(W) 260-280	.3	2.0	2.0	1.1	.1	.1						5.7	11.3	12.0
290-310	.2	2.3	1.7	.2								4.4	9.3	8.0
320-340	.1	1.4	1.1	.2								2.8	9.5	9.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.1	//////	//////
TOTALS	2.3	35.6	50.2	9.6	.5	.3						100.0	10.4	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	1.4	.9	.3								2.9	8.7	8.0
020-040	.2	2.5	3.0	.5								6.2	10.2	10.0
050-070	.5	10.1	6.1	.4								17.2	8.9	8.5
(E) 080-100	.2	14.5	13.1	.4								28.3	9.2	9.0
110-130	.5	9.7	8.4	.1								18.7	9.2	9.0
140-160	.2	2.4	1.4	.2								4.2	8.4	8.0
(S) 170-190	.2	2.4	1.1		.1							3.8	8.7	8.0
200-220	.3	2.4	.4	.2								3.3	8.2	8.0
230-250	.3	4.1	1.9	.3								6.7	8.9	8.0
(W) 260-280		1.9	3.0	.2	.3							5.5	10.8	10.0
290-310	.1	1.0	.9	.1								2.0	9.3	9.0
320-340	.2	.4	.2									.9	7.4	6.5
VARIABLE														
CALM												.3		
TOTALS	3.0	52.8	40.4	2.7	.4							100.0	9.1	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	3.4	.5									4.8	6.9	7.0
020-040	1.7	7.7	.4									9.9	6.1	6.0
050-070	2.0	12.4	.3	.1								14.8	6.0	6.0
(E) 080-100	2.2	14.3	.5									17.1	6.2	6.0
110-130	2.0	14.1	1.7									17.8	6.9	7.0
140-160	1.7	2.2	.4									8.4	6.4	6.0
(S) 170-190	1.7	4.1	.5									6.3	6.1	6.0
200-220	.3	2.2										2.5	6.3	6.0
230-250	.5	4.6	.2		.1							5.5	6.8	6.0
(W) 260-280	.8	4.9	.6	.1								6.5	7.1	7.0
290-310	1.2	1.6	.4									3.2	6.3	6.0
320-340	.5	.8										1.3	5.6	5.5
VARIABLE														
CALM												1.8		
TOTALS	15.3	75.3	5.8	.2	.1							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	3.5	1.0	.1	.0							6.0	7.0	6.0
020-040	1.9	4.5	1.7	.3	.0	.0						8.4	7.2	6.0
050-070	2.1	7.4	3.6	.5								13.6	7.8	7.0
(E) 080-100	1.5	6.1	5.2	.4		.0						15.3	8.3	8.0
110-130	1.9	7.5	3.4	.2	.0							13.0	7.7	7.0
140-160	1.1	5.2	1.5	.1								8.0	7.4	7.0
(S) 170-190	1.6	4.5	1.3	.1	.0							8.1	7.5	7.0
200-220	.7	3.0	1.1	.2								5.1	7.9	7.0
230-250	1.1	3.7	1.2	.3	.1							6.4	7.8	7.0
(W) 260-280	.6	3.3	1.1	.3	.1	.0						5.6	8.1	7.0
290-310	.4	2.4	.8	.1								4.0	7.7	7.0
320-340	.7	1.8	.4	.0								3.0	6.8	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.8	//////	//////
TOTALS	15.3	55.1	22.8	2.6	.2							100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.5	5.4	4.2	.4								11.5	8.9	8.0
020-040		3.3	1.9	.8								6.5	9.1	8.0
050-070	2.3	3.3	.8									6.9	6.4	6.0
(E) 080-100	1.2	1.5	1.5	.4		.4						5.0	9.2	7.0
110-130	1.5	4.2	2.3		.4							8.5	7.5	6.0
140-160	.8	7.3	1.5	.8								10.4	8.0	7.0
(S) 170-190	2.3	7.3	3.1									12.7	7.3	7.0
200-220	.8	5.5	2.3	.4								10.0	7.8	7.5
230-250	1.5	3.8	1.5									6.9	6.7	5.5
(W) 260-280	.8	5.3	.4	.4		.4						7.7	8.0	7.0
290-310	1.2	1.9	.8									3.8	6.6	6.0
320-340	.4	3.5	.4									4.2	7.3	7.0
VARIABLE														
CALM												5.8		
TOTALS	14.3	54.3	20.7	3.2	.4	.8						100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 250

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.3	3.8	.3									6.4	5.4	5.0
020-040	3.3	5.4	.2	.1								9.1	5.3	5.0
050-070	3.5	5.2	.1									8.9	5.0	5.0
(E) 080-100	2.2	3.0	.1									5.1	5.1	5.0
110-130	4.7	5.4										10.1	4.8	5.0
140-160	4.1	6.8	.3									11.2	5.3	5.0
(S) 170-190	4.7	10.0	.2									14.9	5.4	5.0
200-220	2.4	7.0										9.4	5.7	6.0
230-250	2.6	6.1	.1									8.8	5.3	5.0
(W) 260-280	1.2	2.2	.1									3.6	5.5	5.0
290-310	1.3	1.7										3.0	4.9	5.0
320-340	1.2	.2										1.4	4.2	4.0
VARIABLE														
CALM												8.0		
TOTALS	33.4	56.1	1.4	.1								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.0	4.8	.1									6.9	5.4	5.0
020-040	3.9	5.3	.1									9.3	4.9	5.0
050-070	4.3	4.3										8.7	4.6	4.5
(E) 080-100	3.2	2.0										5.2	4.4	4.0
110-130	2.4	3.1										5.6	4.8	5.0
140-160	3.6	3.4	.1	.2								7.3	5.2	5.0
(S) 170-190	5.7	7.4										13.1	4.9	5.0
200-220	3.9	7.4	.6									11.9	5.4	5.0
230-250	4.0	3.8										7.8	4.7	4.0
(W) 260-280	2.2	2.9										5.1	4.9	5.0
290-310	1.9	2.1										4.0	4.8	5.0
320-340	1.4	1.0										2.4	4.5	4.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	12.7	//////	//////
TOTALS	38.5	47.5	.9	.2								100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	3.9	.3									6.1	5.7	6.0
020-040	3.0	6.8	.6									10.3	5.8	5.0
050-070	2.8	7.1	.7									10.6	5.8	6.0
(E) 080-100	2.8	3.4	.2									6.4	5.2	5.0
110-130	2.0	2.9	.1									5.0	5.2	5.0
140-160	3.0	4.4	.4			.1						8.0	5.9	5.0
(S) 170-190	3.1	8.0	1.1				.1					12.3	6.3	6.0
200-220	2.9	7.3	1.2									11.4	6.2	6.0
230-250	3.4	6.1	.4									10.0	5.8	6.0
(W) 260-280	1.1	3.0	.3									4.4	5.6	5.0
290-310	1.3	2.6	.2									4.1	5.9	5.0
320-340	1.1	1.1										2.2	4.6	4.5
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.0	//////	//////
TOTALS	28.4	56.6	5.5			.1	.1					100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	2.6	.4									3.8	6.5	6.0
020-040	1.1	3.7	1.9									6.7	7.3	7.0
050-070	1.2	5.3	3.1	.6								10.2	8.2	7.0
(E) 080-100	1.7	6.2	2.6	.1								10.6	7.5	7.0
110-130	1.1	3.7	1.6									6.3	7.2	7.0
140-160	1.3	5.2	1.2									7.8	7.1	7.0
(S) 170-190	.8	5.7	2.4	.2								9.1	8.0	8.0
200-220	1.4	6.1	3.4	.2		.1						11.3	8.0	8.0
230-250	1.9	8.7	3.3	.2								14.1	7.7	7.0
(W) 260-280	1.4	4.4	2.0									7.9	7.7	8.0
290-310	1.4	5.7	.9									8.0	6.6	7.0
320-340	1.0	2.7	.1									3.8	5.7	6.0
VARIABLE														
CALM												.4		
TOTALS	15.1	60.0	22.9	1.3		.1						100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	3.9	.7									5.1	6.7	6.0
020-040	.9	3.4	2.0	.3								6.7	8.2	8.0
050-070	1.0	6.9	5.4	1.1								14.4	9.2	9.0
(E) 080-100	1.0	5.1	4.7	.4								11.2	9.0	9.0
110-130	.9	4.2	1.8	.2								7.1	7.8	8.0
140-160	.6	3.9	1.1	.1								5.7	7.6	7.0
(S) 170-190	.3	6.3	2.0									8.7	7.8	8.0
200-220	.7	4.3	3.1	.8								8.9	9.4	9.0
230-250	.7	4.9	4.1	.4								10.1	9.3	9.0
(W) 260-280	.7	3.2	2.0	.2	.1		.1					[illegible]	9.1	8.0
290-310	1.7	6.4	1.1	.7								9.9	7.5	7.0
320-340	1.1	4.0	.4	.1								5.7	6.5	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.2	//////	//////
TOTALS	10.2	56.5	28.4	4.3	.1		.1					100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.0	1.6	.7	.2	.1							3.6	7.7	6.5
020-040	.4	2.6	2.3	.8								6.1	10.2	10.0
050-070	.9	4.7	8.3	2.0	.3							16.2	10.8	11.0
(E) 080-100	1.1	6.0	9.2	.7								17.0	9.9	10.0
110-130	.8	6.2	5.2	.2		.1						12.6	9.2	9.0
140-160	.9	3.3	1.4	.3	.1							6.1	8.2	8.0
(S) 170-190	.7	3.8	1.4	.2								6.1	8.4	8.0
200-220	.3	3.0	1.9	.7								5.9	9.2	8.0
230-250	.6	3.6	4.1	.6								8.8	9.6	10.0
(W) 260-280	.3	4.1	2.3	.3								7.1	8.9	8.5
290-310	1.0	3.3	1.6	.2								6.1	7.7	7.0
320-340	.7	2.3	.9	.1								4.0	7.5	7.0
VARIABLE														
CALM												.4		
TOTALS	8.7	44.5	39.3	6.3	.5	.1						100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	1.2	.3									2.3	6.5	6.0
020-040	1.1	1.1	1.9	.7			.1					4.9	9.6	10.0
050-070	.8	7.8	5.2	.6								14.3	9.0	9.0
(E) 080-100	.9	11.9	6.7	.1								19.6	8.6	8.5
110-130	1.0	10.1	4.4	.2			.1					15.9	8.3	8.0
140-160	1.0	4.4	1.7	.1	.1							7.3	7.7	7.0
(S) 170-190	.8	6.7	1.2	.1								8.8	7.3	7.0
200-220	.7	4.3	1.6									6.6	7.8	8.0
230-250	.4	3.7	1.8	.6								6.4	8.7	8.0
(W) 260-280	.2	3.9	1.9	.3								6.3	8.8	8.0
290-310	.6	2.7	.7	.1								4.0	7.7	7.0
320-340	1.0	1.2	.2	.1								2.6	6.0	5.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	1.0	////	////
TOTALS	9.3	59.0	27.6	2.9	.1		.2					100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.6	2.3	.2									4.1	5.6	5.0
020-040	1.8	6.1	.7	.1								8.7	6.4	6.0
050-070	2.2	8.0	.4	.1								10.8	5.8	6.0
(E) 080-100	2.4	9.9	.6									12.9	5.8	6.0
110-130	2.8	11.9	.2									14.9	5.9	6.0
140-160	2.3	8.3	.3	.1								11.1	5.8	6.0
(S) 170-190	2.0	7.6	.4	.1								10.1	6.3	6.0
200-220	1.9	5.6	1.0	.1								8.6	6.6	7.0
230-250	1.9	4.3	.3									6.6	5.7	5.0
(W) 260-280	.7	3.8	.6	.1	.1							5.2	7.4	7.0
290-310	1.1	1.4										2.6	5.1	5.0
320-340	.7	.9										1.6	4.7	5.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.0	//////	//////
TOTALS	21.4	70.1	4.7	.6	.1							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	3.0	.4	.0	.0							4.8	6.0	5.0
020-040	1.9	4.3	1.2	.3			.0					7.7	6.8	6.0
050-070	2.1	6.2	2.9	.5	.0							11.8	7.7	7.0
(E) 080-100	1.9	5.9	3.0	.2								11.0	7.7	7.0
110-130	2.0	5.9	1.7	.1		.0	.0					9.7	7.0	6.0
140-160	2.1	5.0	.8	.1	.0	.0						8.1	6.4	6.0
(S) 170-190	2.3	6.9	1.1	.1			.0					10.4	6.5	6.0
200-220	1.8	5.6	1.6	.2		.0						9.2	7.1	6.0
230-250	1.9	5.1	1.8	.2								9.1	7.2	6.0
(W) 260-280	1.0	3.4	1.2	.1	.0		.0					5.7	7.5	7.0
290-310	1.3	3.2	.6	.1								5.2	6.6	6.0
320-340	1.0	1.7	.2	.0								3.0	5.8	5.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	4.3	////	////
TOTALS	20.7	56.2	16.5	1.9								100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	2.8	1.2	.4								5.5	7.6	6.5
020-040	3.6	4.7	.4				.4					9.1	6.7	5.0
050-070	2.4	3.2	1.2									6.7	6.2	5.0
(E) 080-100	2.4	3.6	1.2									7.1	6.1	5.5
110-130	.8	3.2	1.2	.4								5.5	8.3	8.0
140-160	2.0	4.7	2.4	.8		.4						10.3	8.7	7.0
(S) 170-190	2.4	7.9	2.0	.8			.4					13.4	8.0	6.5
200-220	2.4	10.3	.4									13.0	6.1	6.0
230-250	3.2	4.0	.4									7.5	5.8	6.0
(W) 260-280	.4	3.2	.8	.4	.4							5.1	8.9	8.0
290-310	2.4	4.3	1.2	.4								8.3	6.9	6.0
320-340	1.2	1.6	.8									3.6	7.0	6.0
VARIABLE														
CALM												4.7		
TOTALS	24.4	53.5	13.2	3.2	.4	.4	.8					100.0	6.8	6.0

TOTAL NUMBER OF OBSERVATIONS 253

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	1.7										2.5	5.2	5.0
020-040	2.0	2.9										4.9	4.8	5.0
050-070	4.3	4.2	.2									8.7	4.6	5.0
(E) 080-100	4.4	4.7	.1									9.2	4.9	5.0
110-130	3.7	7.1										10.8	5.0	5.0
140-160	4.4	5.2										9.6	4.8	5.0
(S) 170-190	4.9	11.1	.9	.1								17.0	5.7	5.0
200-220	3.1	6.7	.3									10.1	5.4	5.0
230-250	2.2	6.2										8.4	5.6	6.0
(W) 260-280	1.7	2.7										4.4	5.0	5.0
290-310	.9	2.3										3.1	5.4	5.0
320-340	.8	.2	.1									1.1	5.2	4.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.2	//////	//////
TOTALS	33.2	55.0	1.6	.1								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.8	1.8										4.6	4.4	4.0
020-040	4.0	2.6										6.6	4.5	4.0
050-070	4.8	4.6										9.5	4.7	4.0
(E) 080-100	3.9	3.0										6.9	4.4	4.0
110-130	5.3	4.2										9.5	4.7	4.0
140-160	3.5	3.8										7.3	4.8	5.0
(S) 170-190	6.3	7.1	.5									14.0	5.1	5.0
200-220	4.5	5.4	.1									10.1	4.9	5.0
230-250	3.3	6.5										9.8	5.1	5.0
(W) 260-280	2.9	1.3	.1									4.2	4.5	4.0
290-310	1.6	.6	.2									2.5	4.7	4.0
320-340	1.1	.4										1.5	4.1	4.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.7	//////	//////
TOTALS	44.0	41.3	.9									100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.2	2.4										4.5	5.0	5.0
020-040	3.3	4.9	.1									8.4	5.1	5.0
050-070	2.4	5.7										8.1	5.3	5.0
(E) 080-100	4.2	4.7	.2									9.1	5.1	5.0
110-130	3.3	5.7	.2									9.2	5.4	5.0
140-160	3.8	4.2										8.0	5.0	5.0
(S) 170-190	4.6	8.4	.2									13.2	5.4	5.0
200-220	2.9	6.5	.3									9.6	5.8	6.0
230-250	3.5	6.9	.3									10.8	5.7	6.0
(W) 260-280	2.3	2.2	.3									5.3	5.0	4.0
290-310	1.5	1.7	.1									3.3	5.0	5.0
320-340	1.0	.9										1.8	4.7	4.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.7	//////	//////
TOTALS	35.4	54.2	1.7									100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	1.6	.1									2.8	5.7	5.5
020-040	1.2	2.5	.3									4.0	6.1	6.0
050-070	1.3	3.9	1.3	.2								6.7	7.4	7.0
(E) 080-100	1.3	5.1	1.7									8.1	7.2	7.0
110-130	1.5	6.9	2.2									10.6	7.5	7.0
140-160	1.1	8.5	1.0									10.9	7.1	7.0
(S) 170-190	1.0	12.4	1.4	.1								14.8	7.3	7.0
200-220	1.5	9.5	1.3	.2								12.5	7.0	7.0
230-250	1.8	8.2	2.3	.2								12.5	7.3	7.0
(W) 260-280	.9	4.7	1.6	.1								7.2	7.5	7.0
290-310	1.4	4.6	.8									6.8	6.3	6.0
320-340	.8	1.9	.1									2.8	6.1	6.0
VARIABLE														
CALM												.4		
TOTALS	14.9	70.1	14.1	.8								100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	2.6										3.1	5.9	6.0
020-040	.6	1.2	.6									2.5	7.0	7.0
050-070	1.1	6.0	2.7	.4								10.2	7.8	7.0
(E) 080-100	1.4	5.8	2.6	1.0								10.8	8.4	8.0
110-130	1.6	6.6	1.2	.3								9.7	7.1	7.0
140-160	.4	8.6	2.5	.2								11.7	8.0	8.0
(S) 170-190	.9	9.4	3.1	.1		.1						13.5	8.0	8.0
200-220	1.2	6.9	2.2	.3								10.5	7.9	8.0
230-250	.9	5.3	2.8	.5	.1							9.6	8.8	8.0
(W) 260-280	.4	4.5	1.4	.2								6.6	7.9	7.0
290-310	1.4	3.8	1.5	.2								6.9	7.3	7.0
320-340	1.1	2.7	.5									4.3	6.4	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.6	//////	//////
TOTALS	11.5	63.4	21.1	3.2	.1	.1						100.0	7.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	1.5	.6	.1	.1							3.0	8.0	8.0
020-040	.5	2.1	.3	.1		.1						3.1	7.9	7.0
050-070	.1	4.5	4.1	1.0								9.7	9.8	10.0
(E) 080-100	.8	6.1	7.4	1.1								15.4	9.9	10.0
110-130	.9	7.4	5.9	.6	.2							14.9	9.1	9.0
140-160	.9	7.3	2.6	.6								11.4	8.3	8.0
(S) 170-190	.6	7.2	1.9	.4	.2							10.4	8.3	8.0
200-220	.2	3.9	2.0	.3	.2							6.7	9.3	8.0
230-250	.9	4.5	3.8	.8								9.9	9.1	9.0
(W) 260-280	.5	2.4	1.6	.1								4.6	8.3	8.0
290-310	.5	2.6	2.6	.3	.1							6.1	9.5	9.0
320-340	.5	2.8	1.0	.1	.1							4.5	8.0	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.2	//////	//////
TOTALS	7.0	52.2	33.7	5.5	.9	.1						100.0	9.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	1.6	.5									3.2	6.1	5.0
020-040	.5	2.2	.2									2.9	6.4	6.0
050-070	.9	6.0	2.2	.3								9.4	7.9	8.0
(E) 080-100	1.4	11.3	4.4	.3								17.4	8.0	8.0
110-130	1.4	11.6	3.5									16.6	7.7	8.0
140-160	1.5	6.5	2.2	.2								10.3	7.4	7.0
(S) 170-190	1.5	7.4	2.0	.3								11.3	7.6	8.0
200-220	.4	4.6	1.5	.1								6.7	8.0	8.0
230-250	.6	5.8	2.3	.2								8.9	8.2	8.0
(W) 260-280	1.4	3.7	.9	.1								6.0	6.8	6.0
290-310	.4	3.0	.8	.1								4.3	7.6	7.0
320-340	.5	1.4	.1									2.0	6.0	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.0	//////	//////
TOTALS	11.6	65.1	20.6	1.6								100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	3.0										4.9	5.3	5.0
020-040	1.9	2.4										4.3	5.2	5.0
050-070	3.4	5.6	.3									9.4	5.2	5.0
(E) 080-100	2.0	11.2										13.2	5.8	6.0
110-130	2.8	10.9	.1									13.8	5.9	6.0
140-160	3.7	7.7	.3									11.7	5.5	6.0
(S) 170-190	2.6	10.4	.4									13.4	5.9	6.0
200-220	1.3	5.1	.3									6.7	6.3	6.0
230-250	1.8	5.4	.1									7.3	5.8	6.0
(W) 260-280	1.2	4.0	.3									5.5	6.2	6.0
290-310	.8	2.9	.4									4.1	6.5	6.0
320-340	.9	.8	.1									1.7	5.4	4.5
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.0	//////	//////
TOTALS	24.3	69.4	2.3									100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	2.0	.2	.0	.0							3.6	5.6	5.0
020-040	1.8	2.6	.2	.0		.0						4.6	5.5	5.0
050-070	2.3	5.1	1.3	.2								8.9	6.6	6.0
(E) 080-100	2.4	6.5	2.1	.3								11.3	7.1	6.0
110-130	2.6	7.5	1.6	.1	.0							11.9	6.8	6.0
140-160	2.4	6.5	1.1	.1								10.1	6.5	6.0
(S) 170-190	2.8	9.2	1.3	.1	.0	.0						13.5	6.6	6.0
200-220	1.9	6.0	1.0	.1	.0							9.1	6.7	6.0
230-250	1.9	6.1	1.4	.2	.0							9.6	7.0	6.0
(W) 260-280	1.5	3.2	.3	.1								5.5	6.5	6.0
290-310	1.1	2.7	.8	.1	.0							4.6	6.9	6.0
320-340	.8	1.4	.2	.0	.0							2.5	6.2	6.0
VARIABLE														
CALM												4.9		
TOTALS	22.9	58.8	12.0	1.3								100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.9	4.6	.6									8.1	6.0	6.0
020-040	1.7	4.0										5.8	5.1	5.0
050-070	1.7	3.5	2.3	1.2								8.7	7.6	6.0
(E) 080-100	1.2	2.9	1.2	1.2								6.4	8.7	7.0
110-130	2.3	1.2	1.7		.6							5.8	8.2	5.5
140-160	1.7	3.5	.6	.6								6.4	7.1	6.0
(S) 170-190	4.0	7.5	1.2		.6							13.3	6.4	5.0
200-220	2.3	5.8	1.7	.6	.6							11.0	8.0	6.0
230-250	3.5	10.4										13.9	5.3	5.5
(W) 260-280	2.3	4.6	1.7									8.7	6.5	6.0
290-310	.6	1.7	1.7									4.0	7.9	6.0
320-340	2.3	1.2	.6									4.0	5.6	4.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.0	//////	//////
TOTALS	26.5	50.9	13.3	3.6	1.8							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 173

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.3	1.5										3.8	4.4	4.0
020-040	6.5	4.0	.1									10.5	4.3	4.0
050-070	6.1	3.7	.2									10.0	4.5	4.0
(E) 080-100	3.2	3.3	.1									6.7	4.7	5.0
110-130	4.2	5.8	.1									10.1	4.8	5.0
140-160	4.9	5.2										10.1	4.8	5.0
(S) 170-190	4.5	10.2										14.7	5.2	5.0
200-220	3.2	4.5										7.7	4.8	5.0
230-250	1.8	2.8	.4									5.1	5.2	5.0
(W) 260-280	1.5	1.2	.1									2.8	4.7	4.0
290-310	1.6	1.4		.1								3.1	5.0	4.0
320-340	.8	1.4										2.2	5.0	5.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.2	//////	//////
TOTALS	40.6	45.0	1.0	.1								100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.1	2.9										6.0	4.5	4.0
020-040	6.9	4.3										11.2	4.2	4.0
050-070	6.8	4.1										10.9	4.4	4.0
(E) 080-100	3.7	2.5										6.1	4.3	4.0
110-130	4.3	2.7	.4									7.4	4.8	4.0
140-160	3.4	3.1										6.6	4.6	4.0
(S) 170-190	6.9	8.4	.2									15.5	4.9	5.0
200-220	4.0	3.2										7.2	4.7	4.0
230-250	2.3	1.7		.1								4.1	4.8	4.0
(W) 260-280	1.6	.6										2.3	4.2	4.0
290-310	1.3	1.7										3.0	4.9	5.0
320-340	1.2	1.7	.2									3.1	5.3	5.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.7	//////	//////
TOTALS	45.5	36.9	.8	.1								100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.4	3.5										7.0	4.8	5.0
020-040	5.5	5.9	.2									11.6	5.0	5.0
050-070	5.9	6.6	.2									12.7	5.1	5.0
(E) 080-100	5.2	3.7	.1									8.9	4.8	4.0
110-130	3.3	4.0	.2									7.5	5.1	5.0
140-160	2.3	2.5	.3									5.1	5.3	5.0
(S) 170-190	5.2	8.2	.5									13.9	5.4	5.0
200-220	2.8	6.0										8.8	5.3	5.0
230-250	1.5	3.4										4.9	5.4	5.0
(W) 260-280	1.7	1.2										2.9	4.3	4.0
290-310	1.7	1.6										3.3	4.7	4.0
320-340	1.0	1.7	.1									2.8	5.3	5.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.5	//////	//////
TOTALS	39.5	48.3	1.6									100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	2.9	.2									4.2	6.1	6.0
020-040	1.1	4.8	.2									6.1	6.2	6.0
050-070	1.1	5.7	1.3	.4								8.5	7.6	7.0
(E) 080-100	.8	6.1	1.8	.3								9.0	7.6	7.0
110-130	1.4	10.2	1.0									12.6	6.9	7.0
140-160	2.0	7.8	.9									10.8	6.5	6.0
(S) 170-190	1.5	8.5	1.7	.1	.1							11.9	7.1	7.0
200-220	1.7	7.8	.8									10.3	6.4	6.0
230-250	1.5	5.9	.8	.1								8.3	6.9	7.0
(W) 260-280	.8	3.9	1.0	.1								5.7	7.4	7.0
290-310	1.9	4.3	.3									6.5	5.8	6.0
320-340	1.0	3.3	.2									4.5	6.0	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.6	//////	//////
TOTALS	15.8	71.2	10.2	1.0	.1							100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	3.0	.4									4.2	6.9	7.0
020-040	.8	3.0	1.6	.1								5.5	8.0	8.0
050-070	1.4	6.2	4.0	.3								11.9	8.4	8.0
(E) 080-100	1.4	4.9	3.8	.3								10.4	8.6	9.0
110-130	.8	6.0	3.0	.6								10.4	8.5	8.0
140-160	.5	6.0	1.2	.1	.1							8.0	7.8	7.0
(S) 170-190	1.3	8.8	2.7	.2	.1							13.1	7.7	8.0
200-220	1.2	4.8	2.3	.4								8.7	8.1	8.0
230-250	1.0	5.9	2.6	.2								9.7	7.9	8.0
(W) 260-280	.9	2.4	.3									3.5	6.7	6.0
290-310	2.2	5.3	1.2	.3	.1							9.0	7.1	6.0
320-340	.9	3.4	.4									4.7	6.3	6.0
VARIABLE														
CALM												.8		
TOTALS	13.2	59.7	23.5	2.5	.3							100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	2.5	.8									3.8	7.5	7.0
020-040	1.4	2.9	2.6	.3								7.2	8.6	9.0
050-070	1.0	6.6	5.6	.9								14.0	9.5	9.0
(E) 080-100	.3	6.7	8.4	.5								15.9	9.8	10.0
110-130	.5	7.9	5.3	.6	.1							14.4	9.0	8.5
140-160	.2	5.8	1.8	.8								8.6	8.6	8.0
(S) 170-190	.4	5.3	.8	.5	.1							7.1	8.3	8.0
200-220	.3	4.6	2.0									7.0	8.0	8.0
230-250	.4	3.9	2.0	.2								6.6	8.6	8.0
(W) 260-280	.5	1.8	1.7									4.1	8.4	8.0
290-310	1.0	4.6	1.8	.3								7.7	8.0	8.0
320-340	.8	1.5	.5	.2								3.0	7.5	7.0
VARIABLE														
CALM												.6		
TOTALS	7.3	54.0	33.3	4.3	.2							100.0	8.7	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	1.9	.2	.1								4.1	5.8	5.0
020-040	1.2	3.1	1.2									5.5	7.0	6.0
050-070	2.0	9.1	2.9									14.1	7.2	7.0
(E) 080-100	1.9	14.6	4.2									20.8	7.6	8.0
110-130	1.1	11.2	2.8									15.1	7.3	7.0
140-160	1.8	6.7	1.0									9.5	6.5	6.0
(S) 170-190	1.5	4.8	1.0									7.3	6.5	6.0
200-220	.6	3.7	.5									4.8	6.7	7.0
230-250	.9	4.4	.8									6.0	7.1	7.0
(W) 260-280	.9	2.2	.8									3.8	6.9	6.0
290-310	.6	2.9	.4									4.0	6.4	6.0
320-340	.4	1.8	.5									2.8	6.8	6.0
VARIABLE														
CALM												2.4		
TOTALS	14.7	66.4	16.3	.1								100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.6	2.2	.3									5.1	5.1	4.0
020-040	3.4	4.5										8.0	4.8	5.0
050-070	4.3	8.3	.1									12.7	5.2	5.0
(E) 080-100	4.3	9.4										13.7	5.3	5.0
110-130	4.2	10.1	.2									14.5	5.4	5.0
140-160	2.4	8.0	.4	.1								10.9	5.9	5.0
(S) 170-190	3.1	6.9	.2									10.2	5.4	5.0
200-220	1.3	3.9	.1									5.3	5.6	6.0
230-250	1.6	4.6	.1									6.3	5.5	5.0
(W) 260-280	1.5	1.7										3.2	4.9	5.0
290-310	1.3	1.6	.1									3.0	5.4	5.0
320-340	1.3	1.1										2.4	4.8	4.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.8	//////	//////
TOTALS	31.3	62.3	1.5	.1								100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	2.6	.2	.0								4.8	5.5	5.0
020-040	3.3	4.1	.7	.1								8.2	5.7	5.0
050-070	3.6	6.3	1.8	.2								11.8	6.6	6.0
(E) 080-100	2.6	6.4	2.3	.1								11.4	7.1	6.0
110-130	2.5	7.2	1.6	.2	.0							11.5	6.7	6.0
140-160	2.2	5.6	.7	.1	.0							8.7	6.3	6.0
(S) 170-190	3.1	7.6	.9	.1	.0							11.7	6.1	6.0
200-220	1.9	4.8	.7	.1								7.5	6.2	6.0
230-250	1.4	4.1	.8	.1								6.4	6.7	6.0
(W) 260-280	1.2	1.9	.5	.0								3.5	6.3	6.0
290-310	1.4	2.9	.5	.1	.0							5.0	6.3	6.0
320-340	.9	2.0	.3	.0								3.2	6.0	5.0
VARIABLE														
CALM												6.3		
TOTALS	26.0	55.5	11.0	1.1								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.1	2.3	.8	.8								6.9	7.2	5.0
020-040	.8	3.8	3.1									7.6	8.0	7.5
050-070	3.1	7.6	2.3	.8								13.7	6.8	5.5
(E) 080-100	1.5	1.5	.8									3.8	7.0	6.0
110-130	3.1	5.3	3.8	1.5								13.7	8.9	8.5
140-160		5.3	.8	.8								6.9	8.3	6.0
(S) 170-190	2.3	4.6	.8	.8	.8							9.2	8.6	7.0
200-220	2.3	4.6	.8	.8								8.4	7.0	6.0
230-250	1.5	5.3	1.5									8.4	6.9	7.0
(W) 260-280	1.5	2.3	.8									4.6	6.7	7.0
290-310		4.6	1.5									6.1	8.1	7.5
320-340	2.3	1.5										3.8	5.2	4.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.9	//////	//////
TOTALS	21.5	48.7	17.0	5.5	.8							100.0	7.1	6.0

TOTAL NUMBER OF OBSERVATIONS 131

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.7	6.1	.1									11.9	4.9	5.0
020-040	6.7	7.0	.1									13.8	5.0	5.0
050-070	5.6	8.3										13.9	4.9	5.0
(E) 080-100	3.8	4.4	.1									8.3	4.9	5.0
110-130	3.3	2.1	.3	.2								6.0	5.6	4.0
140-160	2.8	3.4	.3		.1							6.7	5.7	5.0
(S) 170-190	3.8	4.9	.7									9.3	5.6	5.0
200-220	2.1	1.6	.1									3.8	5.0	4.0
230-250	1.4	1.4			.1							3.0	5.3	5.0
(W) 260-280	1.7	.8	.1			.1						2.7	5.5	4.0
290-310	2.6	1.1	.3			.1						4.1	5.6	4.0
320-340	2.3	2.3										4.7	4.6	4.5
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	11.9	////	////
TOTALS	41.8	43.4	2.1	.2	.2	.2						100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	6.9	8.9	.2									16.0	5.0	5.0
020-040	7.8	7.9	.7									16.3	4.9	5.0
050-070	4.9	7.9	.2									13.0	5.2	5.0
(E) 080-100	2.6	1.9	.2									4.7	5.1	4.0
110-130	1.2	1.8	.1	.1								3.2	6.3	6.0
140-160	1.9	2.2		.1	.1	.2						4.6	6.5	5.0
(S) 170-190	2.7	5.0	.7									8.3	5.8	5.0
200-220	2.8	1.1	.1									4.0	4.4	4.0
230-250	1.8	1.4	.1		.3							3.7	6.2	5.0
(W) 260-280	1.6	.8										2.3	4.4	4.0
290-310	1.8	1.2	.3									3.3	5.1	4.0
320-340	3.3	3.1										6.4	4.7	4.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	14.1	//////	//////
TOTALS	39.3	43.2	2.6	.2	.4	.2						100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	7.1	9.1	.3									16.6	5.0	5.0
020-040	8.9	10.7	.8									20.3	5.3	5.0
050-070	5.2	10.4	.4									16.1	5.4	5.0
(E) 080-100	2.3	4.1										6.4	5.2	5.0
110-130	1.7	1.7	.2									3.6	5.5	5.0
140-160	1.3	1.7	.3	.1								3.4	6.4	5.0
(S) 170-190	2.3	4.0	.9		.2	.1						7.6	6.8	6.0
200-220	1.1	1.9	.2	.3								3.6	6.6	5.0
230-250	2.6	1.7	.1									4.3	4.7	4.0
(W) 260-280	1.7	1.0										2.7	4.7	4.0
290-310	1.1	.7	.3	.1								2.2	6.3	4.5
320-340	2.6	2.9	.1									5.6	5.2	5.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	7.7	////	////
TOTALS	37.9	49.9	3.6	.5	.2	.1						100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	4.9	1.0									7.3	6.7	6.0
020-040	1.6	6.8	2.2	.4								11.0	7.7	7.0
050-070	2.1	10.9	6.0	1.1								20.1	8.6	8.0
(E) 080-100	1.6	6.8	4.1	.2								12.7	8.1	8.0
110-130	2.1	4.8	2.2									9.1	7.1	7.0
140-160	1.2	4.3	.8	.3								6.7	7.4	7.0
(S) 170-190	.8	5.3	2.1	.1	.2							8.6	8.3	8.0
200-220	.7	2.7	1.3	.3	.1	.1						5.2	9.0	8.0
230-250	.7	3.1	.6	.1								4.4	6.9	7.0
(W) 260-280	1.1	2.2	.6									3.9	6.2	6.0
290-310	1.7	3.1	.2	.1								5.1	5.7	5.0
320-340	1.0	3.7	.4									5.1	6.5	6.0
VARIABLE														
CALM												.8		
TOTALS	16.0	58.6	21.5	2.6	.3	.1						100.0	7.6	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	4.9	2.3	.1								8.2	7.4	6.0
020-040	.8	5.8	4.1	.6	.1	.1						11.4	9.3	9.0
050-070	1.1	6.6	9.3	1.8	.2							19.0	10.2	10.0
(E) 080-100	.4	7.7	6.1	.9								15.0	9.3	9.0
110-130	1.6	4.4	2.6	.2								8.8	7.9	8.0
140-160	.8	3.7	.9									5.3	7.2	7.0
(S) 170-190	.4	3.7	3.0	.2								7.3	8.5	8.5
200-220	.2	2.4	1.2	.6	.1							4.6	9.5	8.0
230-250	1.3	2.2	.9	.3	.3							5.1	8.3	6.5
(W) 260-280	.3	2.2	1.0	.1								3.7	8.5	8.0
290-310	1.2	4.2	.4	.1	.1							6.1	6.8	6.0
320-340	.8	3.7	.4									4.9	6.6	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.6	//////	//////
TOTALS	9.8	51.5	32.2	4.8	.6	.1						100.0	8.6	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.1	3.2	.7	.1		.2						4.3	8.8	8.0
020-040	.6	4.0	3.8	1.1			.1					9.6	10.3	10.0
050-070	1.0	8.6	13.4	2.6								25.6	10.2	10.0
(E) 080-100	.6	8.0	9.9	.4								18.9	9.7	10.0
110-130	.8	6.6	4.2	.1								11.7	8.6	9.0
140-160	.6	3.1	.9	.1	.1							4.8	8.0	8.0
(S) 170-190	.7	4.2	2.0									6.9	8.1	8.0
200-220	.2	2.7	.7	.4	.1							4.1	9.1	8.0
230-250	.4	1.6	.8	.4	.1							3.3	9.1	7.5
(W) 260-280	.3	1.3	.9									2.6	7.9	8.0
290-310	.8	3.3	.8	.1								5.0	7.1	6.0
320-340	.4	2.2	.3									3.0	6.7	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.3	//////	//////
TOTALS	6.5	48.8	38.4	5.3	.3	.2	.1					100.0	9.2	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	2.9	.4			.2						4.8	7.3	6.0
020-040	1.1	9.6	3.0	.1	.1							13.9	7.8	7.0
050-070	1.8	20.0	4.0	.2								26.0	7.2	7.0
(E) 080-100	1.0	18.7	2.7	.1								22.4	7.4	7.0
110-130	1.3	8.1	1.4	.1								11.0	7.2	7.0
140-160	.8	3.3	.1		.1							4.3	6.4	6.0
(S) 170-190	.4	3.3	.4									4.2	7.2	7.0
200-220	.3	2.6	.4	.1								3.4	7.6	7.0
230-250	.3	1.0	.3	.3								2.0	8.5	7.0
(W) 260-280	.3	1.0	.2	.2								1.8	7.8	6.5
290-310	.6	1.6	.3									2.4	7.0	6.0
320-340	.7	1.4	.2									2.3	5.9	5.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.3	//////	//////
TOTALS	9.8	73.5	13.4	1.1	.2	.2						100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.7	6.4	.1		.1							10.3	5.5	5.0
020-040	5.9	12.0	.6	.1								18.6	5.5	5.0
050-070	5.7	13.9	.4									20.0	5.5	5.0
(E) 080-100	3.4	8.4		.1								12.0	5.3	5.0
110-130	2.1	6.8	.2	.2								9.3	5.9	6.0
140-160	2.0	4.4	.1									6.6	5.5	5.0
(S) 170-190	1.4	4.2	.8									6.4	6.3	6.0
200-220	.9	2.2	.6									3.7	6.5	6.0
230-250	.8	1.6	.3									2.7	6.2	5.0
(W) 260-280	.7	1.2										1.9	5.4	6.0
290-310	1.0	.8	.1		.1							2.0	5.7	4.5
320-340	.9	2.2	.1		.1							3.3	6.1	5.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.2	//////	//////
TOTALS	28.5	64.1	3.3	.4	.3							100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.4	5.8	.7	.0	.0	.1						9.9	5.8	5.0
020-040	4.2	8.0	1.9	.3	.0	.0	.0					14.4	6.6	6.0
050-070	3.4	10.8	4.2	.7	.0							19.2	7.5	6.0
(E) 080-100	2.0	7.5	2.9	.2								12.6	7.5	7.0
110-130	1.8	4.5	1.4	.1								7.8	7.1	7.0
140-160	1.4	3.3	.4	.1	.1	.0						5.3	6.6	6.0
(S) 170-190	1.6	4.3	1.3	.0	.1	.0						7.3	7.0	6.0
200-220	1.0	2.1	.6	.2	.0	.0						4.0	7.4	6.0
230-250	1.2	1.8	.4	.2	.1							3.6	6.9	5.0
(W) 260-280	1.0	1.3	.3	.0		.0						2.7	6.4	6.0
290-310	1.3	2.0	.4	.1	.0	.0						3.8	6.2	5.0
320-340	1.5	2.7	.2		.0							4.4	5.7	5.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.0	//////	//////
TOTALS	23.8	54.1	14.7	1.9	.3	.1						100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	5.8	.5		.5	1.4						9.7	9.9	6.5
020-040	1.9	4.8	1.0	2.4	.5	.5	.5					11.6	11.5	8.0
050-070	1.4	4.3	1.4	1.0	.5							8.7	9.1	7.0
(E) 080-100	.5	2.4	.5	1.0								4.3	9.1	8.0
110-130	1.0	1.4	1.0	1.9								5.3	11.1	10.0
140-160	1.9	5.3	1.4	.5								9.2	7.3	6.0
(S) 170-190	.5	4.3	7.2									12.1	9.8	10.0
200-220	.5	3.4	1.9	2.9	.5							9.2	12.0	10.0
230-250	1.9	4.3	1.0	.5	1.9							9.7	9.9	7.5
(W) 260-280	1.9	.5	1.0			.5						3.9	8.5	5.0
290-310	.5	1.4	2.9	1.0	.5	.5						6.8	12.9	12.0
320-340	1.0	1.0	1.0		.5							3.4	9.1	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.3	//////	//////
TOTALS	14.4	38.9	20.8	11.2	4.9	2.9	.5					100.0	9.5	8.0

TOTAL NUMBER OF OBSERVATIONS 207

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.4	18.7	1.9									24.9	6.3	6.0
020-040	4.5	13.1	.3	.1								18.1	5.5	5.0
050-070	3.4	6.2	.1									9.8	5.1	5.0
(E) 080-100	1.9	2.6										4.4	5.0	5.0
110-130	1.8	2.3										4.1	4.9	5.0
140-160	1.8	2.2	.1									4.1	5.3	5.0
(S) 170-190	1.8	1.9										3.8	4.8	5.0
200-220	1.5	1.4										2.9	4.5	4.0
230-250	.6	1.7										2.4	5.3	5.0
(W) 260-290	3.0	1.4										4.4	4.2	4.0
290-310	1.7	2.7	.3									4.7	5.5	5.0
320-340	2.6	6.7	.4									9.7	6.0	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.8	//////	//////
TOTALS	28.9	60.9	3.0	.1								100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.9	18.2	1.2									25.3	5.9	6.0
020-040	6.0	13.1										19.1	5.3	5.0
050-070	2.4	4.8	.2									7.4	5.3	5.0
(E) 080-100	1.2	1.5										2.7	4.8	5.0
110-130	1.5	1.3										2.8	4.7	4.0
140-160	1.1	1.0	.4									2.5	5.7	5.0
(S) 170-190	2.4	1.9	.1									4.3	4.7	4.0
200-220	1.7	1.0										2.7	4.4	4.0
230-250	1.0	1.6										2.6	4.6	5.0
(W) 260-280	2.4	.5	.2									3.1	4.6	4.0
290-310	2.4	2.7	.2									5.3	5.0	5.0
320-340	3.0	10.1	1.1	.1								14.3	6.4	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.0	//////	//////
TOTALS	31.0	57.6	3.4	.1								100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.2	21.7	2.8									29.7	6.4	6.0
020-040	4.5	13.2	.1		.1							18.0	5.7	6.0
050-070	4.0	5.9	.3									10.2	5.3	5.0
(E) 080-100	.8	1.9										2.7	5.2	5.0
110-130	1.2	1.3										2.5	4.8	5.0
140-160	1.1	1.3	.1									2.5	5.3	5.0
(S) 170-190	1.0	2.3	.2									3.4	5.8	6.0
200-220	1.3	.8										2.0	4.7	4.0
230-250	2.4	1.3										3.7	4.3	4.0
(W) 260-280	1.1	1.3	.1									2.5	5.1	5.0
290-310	2.0	1.9	.2									4.2	5.3	5.0
320-340	3.0	9.6	1.1									13.7	6.3	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.1	//////	//////
TOTALS	27.6	62.5	4.9		.1							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	9.9	5.9	.5								17.1	8.8	8.0
020-040	.5	7.7	6.7	.3								15.3	9.1	9.0
050-070	.8	3.2	6.9	.9								17.7	9.2	9.0
(E) 080-100	.8	5.4	4.0	.2	.1							10.4	8.9	9.0
110-130	1.1	3.8	1.3									6.1	7.3	7.0
140-160	.4	2.9	1.7									5.1	7.9	8.0
(S) 170-190	.3	2.6	1.8	.4								5.2	9.3	9.0
200-220	.1	1.9	.5									2.6	7.7	8.0
230-250	.2	2.7	.4	.1								3.4	7.3	7.0
(W) 260-280	.6	1.8	.8	.1								3.3	7.4	7.0
290-310	.5	3.2	.6	.2								4.6	7.4	7.0
320-340	.9	6.1	1.6	.2								8.8	7.7	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.3	//////	//////
TOTALS	7.0	57.2	32.2	2.9	.1							100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	4.7	3.3	.5								9.0	9.4	9.0
020-040	.2	6.6	7.1	1.5	.2							15.6	10.2	10.0
050-070	1.2	7.0	12.7	1.4	.1							22.4	10.4	10.0
(E) 080-100	.3	3.5	6.7	1.0	.1							11.6	10.6	10.0
110-130	.2	3.7	3.3	.1								7.3	8.8	9.0
140-160	.2	1.9	1.2									3.3	8.1	8.0
(S) 170-190	.3	2.4	1.1	.6								4.4	9.4	9.0
200-220	.1	2.0	1.3									3.4	8.6	8.5
230-250	.5	2.8	1.2									4.5	8.0	8.0
(W) 260-280	.6	2.5	1.1	.4								4.6	8.5	8.0
290-310	.6	3.9	1.5	.3								6.3	7.9	8.0
320-340	.9	4.4	1.7	.1								7.1	7.5	7.0
VARIABLE														
CALM												.3		
TOTALS	5.5	45.4	42.2	5.9	.4							100.0	9.4	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	3.4	2.6	.5								7.2	9.2	9.0
020-040	.2	5.1	7.1	1.5	.1							14.0	10.5	10.0
050-070	.3	7.3	20.0	2.7	.1							30.4	10.9	11.0
(E) 080-100	.1	4.7	8.6	.9								14.3	10.4	10.0
110-130	.2	2.6	2.0									4.8	8.6	9.0
140-160	.1	1.6	.1									1.8	7.1	7.0
(S) 170-190	.2	1.4	.2	.1								1.9	7.4	7.0
200-220	.2	1.4	1.2									2.8	8.6	8.5
230-250	.6	2.5	1.0	.1								4.2	7.9	9.0
(W) 260-280		3.5	1.1	.2								4.8	8.6	8.0
290-310	.9	5.2	1.6									7.6	7.6	8.0
320-340	.6	4.6	.4									5.7	6.9	7.0
VARIABLE														
CALM												.3		
TOTALS	4.0	43.3	45.9	6.0	.2							100.0	9.6	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	7.5	3.4	.4								12.3	8.3	8.0
020-040	1.0	15.4	4.0									20.4	7.6	7.0
050-070	1.1	21.7	3.6	.1								26.4	7.4	7.0
(E) 080-100	.5	14.1	.6	.1								15.4	7.0	7.0
110-130	.3	4.7	.1									5.2	6.8	7.0
140-160	.2	.5	.1									.9	6.5	6.0
(S) 170-190	.8	1.5	.1	.1								2.5	6.0	5.0
200-220	.4	1.7										2.2	6.0	6.0
230-250	.4	1.9										2.4	5.6	6.0
(W) 260-280	.2	2.8		.1								3.1	6.8	6.0
290-310	1.0	3.9	.4									5.3	6.6	6.0
320-340	1.0	2.3	.6									3.9	6.4	6.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.2	//////	//////
TOTALS	7.8	78.0	12.9	.8								100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.7	17.9	2.2	.1								22.9	7.0	7.0
020-040	4.1	16.1	.6	.1								20.9	5.9	6.0
050-070	4.1	11.7	.1									15.9	5.4	5.0
(E) 080-100	2.4	7.1										9.5	5.3	5.0
110-130	3.0	3.1										6.1	4.9	5.0
140-160	1.3	1.4										2.7	4.9	5.0
(S) 170-190	1.2	.8	.3	.2								2.5	6.7	5.0
200-220	.4	1.7										2.2	5.2	5.0
230-250	1.0	1.5										2.5	5.0	5.0
(W) 260-280	1.4	3.3	.2									5.0	5.8	6.0
290-310	1.0	3.2	.1									4.3	6.0	6.0
320-340	.1	2.2	.8									3.0	7.6	7.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.6	//////	//////
TOTALS	22.7	70.0	4.3	.4								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.6	12.8	2.9	.3								18.5	7.1	7.0
020-040	2.6	11.3	3.2	.4	.1							17.7	7.3	6.0
050-070	2.2	9.2	5.5	.6	.0							17.5	8.2	8.0
(E) 080-100	1.0	5.1	2.5	.3	.0							8.9	8.1	8.0
110-130	1.2	2.8	.8	.0								4.9	6.7	6.0
140-160	.8	1.6	.5									2.9	6.5	6.0
(S) 170-190	1.0	1.8	.5	.2								3.5	6.9	6.0
200-220	.7	1.5	.4									2.6	6.4	6.0
230-250	.8	2.0	.3	.0								3.2	6.3	6.0
(W) 260-280	1.2	2.2	.4	.1								3.9	6.5	6.0
290-310	1.3	3.3	.6	.1								5.3	6.6	6.0
320-340	1.5	5.7	1.0	.1								8.3	6.7	6.0
VARIABLE														
CALM												2.9		
TOTALS	16.9	59.3	18.6	2.1	.1							100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	16.9	10.9	1.1								30.3	9.0	9.0
020-040	1.1	10.4	.5	1.1								13.1	7.3	6.0
050-070	1.4	4.6	1.1									7.1	6.4	5.0
(E) 080-100	.8	2.2	.3									3.3	5.5	5.5
110-130	.8	1.1	1.1									3.0	7.5	5.0
140-160	.8	1.9	.3									3.0	6.6	6.0
(S) 170-190	.8	2.2	.8									3.8	6.8	6.0
200-220	1.1	.3	.3									1.6	5.5	4.0
230-250	1.1	1.6		.3								3.0	5.8	5.0
(W) 260-280	.5	2.5	.5									3.6	6.8	7.0
290-310	1.1	4.4	1.1									6.6	6.6	6.0
320-340	4.1	8.7	6.0	.3								19.1	7.8	8.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	2.5	////	////
TOTALS	15.0	56.8	22.9	2.8								100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 366

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.9	11.3	1.3									16.6	6.1	6.0
020-040	4.9	7.7	.6									13.1	5.2	5.0
050-070	4.8	6.1	.7									11.6	5.4	5.0
(E) 080-100	2.2	3.3	.6	.1								6.2	5.8	5.0
110-130	1.6	3.4	.2									5.2	5.6	6.0
140-160	.6	4.4	.3									5.3	6.1	6.0
(S) 170-190	1.6	3.1	.9									5.6	6.4	6.0
200-220	.9	1.2	.3									2.4	6.0	6.0
230-250	.9	1.7										2.6	5.6	6.0
(W) 260-280	.9	2.6										3.4	5.9	6.0
290-310	.8	3.3	.9	.2	.1							5.3	7.7	7.0
320-340	3.0	8.3	3.1	.3								14.8	7.4	7.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.9	//////	//////
TOTALS	26.1	56.4	8.9	.6	.1							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.4	13.7	1.3									20.4	6.1	6.0
020-040	5.2	7.4	.2									12.9	5.2	5.0
050-070	4.1	4.7	.9									9.7	5.5	5.0
(E) 080-100	2.0	2.6	.4									5.0	5.6	5.0
110-130	1.4	1.3	.3									3.1	5.9	5.5
140-160	1.2	2.7	.2									4.1	5.4	5.0
(S) 170-190	1.4	3.3	.7	.1								5.6	6.5	6.0
200-220	1.2	1.1										2.3	4.6	4.0
230-250	.8	2.0	.1									2.9	6.2	6.0
(W) 260-280	1.4	1.0	.4									2.9	5.6	4.5
290-310	1.1	3.6	.9	.3								5.9	7.3	7.0
320-340	2.2	8.7	4.8	.2								15.9	7.8	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.3	//////	//////
TOTALS	27.4	52.1	10.2	.6								100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.4	14.0	2.9	.2								21.6	6.6	6.0
020-040	7.2	9.1	.6									16.9	5.3	5.0
050-070	3.6	4.8	.4									8.8	5.5	5.0
(E) 080-100	1.6	3.0	.1									4.7	5.4	5.0
110-130	.8	1.4	.3									2.6	6.0	6.0
140-160	1.3	2.3	.3									4.0	5.8	5.5
(S) 170-190	1.1	4.3	1.0									6.4	6.9	6.0
200-220	.8	2.2										3.0	5.5	6.0
230-250	.8	1.2										2.0	5.1	5.0
(W) 260-280	.8	1.0	.2									2.0	6.1	6.0
290-310	.9	2.8	1.7	.1								5.4	8.0	8.0
320-340	1.9	9.9	3.1	.2								15.1	7.5	7.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	7.6	//////	//////
TOTALS	25.2	56.0	10.6	.5								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	7.8	5.3	.8								14.8	8.7	8.0
020-040	.6	8.1	4.0	.3								13.0	8.6	8.0
050-070	1.0	8.0	4.2	1.1								14.3	8.9	8.0
(E) 080-100	.3	6.1	3.3	.1								9.9	8.5	8.0
110-130	.4	4.7	2.4	.2								7.8	8.6	8.0
140-160	.7	2.9	1.4	.3								5.3	8.7	8.0
(S) 170-190	.2	3.6	3.1	.6								7.4	9.7	9.0
200-220	.1	1.9	1.6	.2								3.8	9.4	9.0
230-250	.7	1.6	.3									2.6	6.5	6.0
(W) 260-280	.6	.7	.6	.3								2.1	8.7	8.0
290-310	.9	3.2	1.9	.6								6.6	8.7	8.0
320-340	.7	5.4	4.8	.3								11.2	9.2	9.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	1.2	////	////
TOTALS	7.1	54.0	32.9	4.8								100.0	8.7	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	4.2	3.2	.7								8.3	9.7	9.0
020-040	.8	4.7	3.9	1.1								10.4	9.7	9.0
050-070	.8	4.7	5.7	2.2	.1							13.4	10.5	11.0
(E) 080-100	.6	6.7	6.8	1.1								15.1	9.9	10.0
110-130	.3	4.7	3.3	.2								8.6	9.1	8.0
140-160		3.1	3.2	.2								6.6	9.8	10.0
(S) 170-190	.2	2.8	4.1	.3								7.4	10.1	10.0
200-220		2.1	1.4	.4	.1							4.1	10.1	9.0
230-250	.2	1.8	1.7	.8								4.4	10.3	10.5
(W) 260-280	.2	1.8	1.7	.3								4.0	9.4	9.5
290-310	.1	3.7	2.9	1.4								8.1	10.4	10.0
320-340	.7	5.3	2.8	.6								9.3	8.8	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.1	//////	//////
TOTALS	4.1	45.6	40.7	9.3	.2							100.0	9.8	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	4.7	2.8	1.1								9.1	9.6	8.5
020-040	.9	4.7	4.3	1.4								11.3	10.0	10.0
050-070	.4	9.0	7.9	1.1	.1							18.6	9.7	9.0
(E) 080-100	.7	8.3	7.2	.2								16.4	9.1	9.0
110-130	.7	4.0	2.8	.1								7.6	8.6	8.5
140-160	.3	2.2	1.2	.1								3.9	8.6	8.0
(S) 170-190	.1	4.0	1.6	.2								5.9	8.5	8.0
200-220	.3	1.4	1.6	.2								3.6	9.5	9.5
230-250		.6	1.9	.3								2.8	11.2	11.0
(W) 260-280		2.8	2.0	1.1								5.9	10.7	10.0
290-310	.6	4.6	3.0	.7								8.8	9.0	8.0
320-340	.4	4.1	1.4		.1							6.1	7.9	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.1	//////	//////
TOTALS	5.0	50.4	37.7	6.5	.2							100.0	9.4	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	5.0	3.6	.6								9.6	9.2	9.0
020-040	2.0	12.0	3.1	.4								17.6	7.6	7.0
050-070	1.2	18.4	1.8	.1								21.6	6.7	6.0
(E) 080-100	1.4	13.4	1.1									16.0	6.8	6.0
110-130	.4	5.3	.7									6.4	7.3	7.0
140-160	.7	2.9	.4									4.0	6.5	6.0
(S) 170-190	.6	1.3	.3	.1								2.3	6.9	6.0
200-220	.1	1.2	.6									1.9	8.4	8.0
230-250	.2	2.6	.3									3.1	7.1	7.0
(W) 260-280	.1	3.2	1.9	.3								5.6	8.8	8.5
290-310	.9	3.7	2.0	.1								6.7	7.8	8.0
320-340	.6	2.2	.8	.1								3.7	7.3	7.0
VARIABLE														
CALM												1.7		
TOTALS	8.6	71.2	16.6	1.7								100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.6	10.1	2.4									15.1	7.2	7.0
020-040	4.2	10.9	.8									15.9	5.7	5.0
050-070	3.7	10.7	.1									14.4	5.5	6.0
(E) 080-100	2.6	6.7	1.0									10.2	6.1	6.0
110-130	1.1	6.3	.3									7.8	6.0	6.0
140-160	1.3	3.4	.6									5.3	6.3	6.0
(S) 170-190	.9	1.6	.3	.1								2.9	6.7	6.0
200-220	.4	1.7	.4		.1							2.7	7.8	7.0
230-250	1.3	2.3		.1								3.8	5.6	5.0
(W) 260-280	.9	3.7	.3									4.9	6.5	6.0
290-310	.8	3.6	1.3									5.7	7.6	8.0
320-340	.3	4.2	2.1	.2								6.9	8.2	8.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	4.4	////	////
TOTALS	20.1	65.2	9.6	.4	.1							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.3	8.8	2.9	.4								14.4	7.5	7.0
020-040	3.2	8.1	2.2	.4								13.9	7.0	6.0
050-070	2.4	8.3	2.7	.6	.0							14.0	7.4	6.0
(E) 080-100	1.4	6.3	2.6	.2								10.4	7.7	7.0
110-130	.8	3.9	1.3	.1								6.1	7.5	7.0
140-160	.8	3.0	1.0	.1								4.8	7.3	6.0
(S) 170-190	.8	3.0	1.5	.2								5.4	8.0	7.5
200-220	.5	1.6	.7	.1	.0							3.0	8.0	7.0
230-250	.6	1.7	.5	.2								3.0	7.4	7.0
(W) 260-280	.6	2.1	.9	.3								3.8	8.1	7.0
290-310	.8	3.5	1.8	.4	.0							6.6	8.5	8.0
320-340	1.2	6.0	2.9	.3	.0							10.4	8.0	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.0	//////	//////
TOTALS	15.4	56.3	21.0	3.3								100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.1	10.9	7.3	1.3								21.6	8.9	8.0
020-040	3.2	4.6	1.9	.5								10.2	6.9	6.0
050-070	1.0	3.8	2.4	.2								7.3	8.3	8.0
(E) 080-100	1.1	1.8	1.9									4.8	8.2	8.0
110-130	.8	1.9	1.0									3.7	7.0	6.0
140-160	1.1	3.5	1.1									5.8	6.9	6.5
(S) 170-190	.5	3.2	3.5	.2								7.3	9.2	9.5
200-220	1.3	2.6	2.4									6.2	7.7	8.0
230-250	.5	3.8	.3									4.6	6.8	7.0
(W) 260-280	1.0	2.1	.6									3.7	6.6	6.0
290-310	.3	4.2	1.8	.3	.2							6.7	8.6	8.0
320-340	1.3	6.9	4.5	1.9	.2							14.7	9.6	9.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.4	//////	//////
TOTALS	14.2	49.3	28.7	4.4	.4							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 626

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.1	13.8	2.2	.1								19.1	6.5	6.0
020-040	2.4	5.6										8.0	5.3	5.0
050-070	2.0	3.7	.1									5.8	5.2	5.0
(E) 080-100	1.3	2.8	.2									4.3	5.8	6.0
110-130	1.2	2.3										3.4	5.1	5.0
140-160	2.0	2.8	.1									4.9	5.2	5.0
(S) 170-190	2.0	5.6	1.1									8.7	6.5	6.0
200-220	1.2	1.8	.2									3.2	5.8	6.0
230-250	2.4	2.8	.2									5.4	5.2	5.0
(W) 260-280	.9	3.1	.3									4.3	6.6	6.0
290-310	1.4	4.5	1.1	.1	.1							7.2	7.3	7.0
320-340	1.9	6.8	4.2	.8								13.7	8.4	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.9	//////	//////
TOTALS	21.8	55.6	9.7	1.0	.1							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.2	15.3	2.7	.2								23.3	6.6	6.0
020-040	3.4	6.0	.1									9.6	5.3	5.0
050-070	2.4	3.4										5.8	4.9	5.0
(E) 080-100	1.0	1.7										2.7	5.5	6.0
110-130	.8	1.8	.1									2.7	5.5	5.0
140-160	1.5	2.9	.5	.1								5.1	6.2	6.0
(S) 170-190	1.9	4.8	2.0	.1								8.9	6.8	6.0
200-220	1.3	1.7	.4									3.4	6.0	5.0
230-250	.6	2.2	.1									2.9	5.7	5.0
(W) 260-280	1.3	1.9	.6	.1								4.0	6.6	5.0
290-310	1.6	3.7	1.7	.2								7.2	7.1	6.0
320-340	1.9	7.8	4.3	.5								14.6	8.0	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.8	//////	//////
TOTALS	22.9	53.2	12.5	1.2								100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.2	14.9	2.9	.3								23.3	6.6	6.0
020-040	3.7	6.5	.5									10.6	5.4	5.0
050-070	2.5	3.1										5.6	5.1	5.0
(E) 080-100	1.4	2.4										3.8	5.5	6.0
110-130	1.0	1.5										2.5	5.2	5.0
140-160	1.1	2.8	.4									4.3	6.5	6.0
(S) 170-190	2.2	5.9	1.6	.1								9.8	6.9	6.0
200-220	1.5	1.7	1.0	.1								4.3	7.1	6.0
230-250	1.3	.9										2.2	4.6	4.0
(W) 260-280	.4	1.1	.3	.2								2.0	7.3	6.0
290-310	.8	3.0	1.9	.1								5.7	8.2	8.0
320-340	2.2	3.7	4.4	.6								15.9	8.0	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.0	//////	//////
TOTALS	23.3	52.5	12.9	1.4								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	10.6	7.0	.8								19.2	8.9	9.0
020-040	.9	7.4	2.5	.1								10.9	7.7	7.0
050-070	1.6	5.5	1.0									8.1	6.5	6.0
(E) 080-100	1.0	2.8	1.7	.1								5.6	8.1	8.0
110-130	.3	3.9	2.0	.2								6.5	8.7	8.0
140-160	.4	2.4	1.9	.3	.1							5.2	9.3	9.0
(S) 170-190	.6	3.2	4.7	1.7								10.3	10.8	11.0
200-220	.3	3.2	1.9	.6								6.1	9.6	9.0
230-250	.8	1.4	.5									2.7	6.8	7.0
(W) 260-280	.8	1.3	1.0	.5								3.5	9.0	8.0
290-310	.8	4.1	1.9	.5	.1							7.4	8.8	8.0
320-340	1.0	6.1	4.5	.5								12.2	8.9	9.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.4	//////	//////
TOTALS	9.4	51.9	30.6	5.3	.2							100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	5.8	4.2	1.1								11.4	9.5	9.0
020-040	.3	4.6	2.5	1.0								8.4	9.5	8.5
050-070	.6	4.3	4.3	.3	.1							9.7	9.4	9.0
(E) 080-100	.4	3.3	2.8	.5								7.1	9.2	9.0
110-130	.4	3.4	5.2	.8								9.8	10.0	10.0
140-160	.5	2.0	2.4	.2	.1							5.3	9.5	10.0
(S) 170-190	.3	2.2	5.2	2.6	.5							10.8	12.1	11.5
200-220	.4	2.9	2.7	.8								6.8	9.7	10.0
230-250	.4	2.0	2.9	.6								6.0	9.8	10.0
(W) 260-280	.4	1.3	1.9	1.4	.1							5.2	11.5	12.0
290-310	.1	5.4	3.3	1.3								10.1	9.8	9.0
320-340	.5	5.9	2.6	.4								9.5	8.4	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.1	//////	//////
TOTALS	4.6	43.1	40.0	11.0	.8							100.0	9.8	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	3.9	3.7	1.1								9.2	9.7	10.0
020-040	.4	5.2	3.8	.9								10.2	9.3	9.0
050-070	.2	6.2	3.2	.6								10.3	9.1	9.0
(E) 080-100	.2	6.5	4.8	.2								11.7	9.2	9.0
110-130	.4	5.9	2.4	.3								9.0	8.7	8.0
140-160		2.2	1.2	.1								3.4	9.1	9.0
(S) 170-190	.2	2.9	4.5	.8	.2							8.6	10.5	10.0
200-220	.4	2.4	1.9	.1								4.8	8.5	8.0
230-250	.2	3.0	3.7	.2								7.1	9.8	10.0
(W) 260-280	.2	4.5	2.2	1.9	.1							8.9	10.3	9.0
290-310		5.3	2.8	.4	.1							8.6	9.1	8.0
320-340	1.5	4.1	1.3	.2								7.1	7.2	6.5
VARIABLE														
CALM												.9		
TOTALS	4.3	52.1	35.5	6.8	.4							100.0	9.2	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	7.7	3.3	.6								12.8	8.3	8.0
020-040	2.3	10.2	1.8	.2								14.5	6.9	6.0
050-070	2.4	9.8	.5	.1								12.8	5.9	6.0
(E) 080-100	1.3	10.4	.5									12.3	6.5	6.0
110-130	.6	6.5	.9									8.0	7.0	7.0
140-160	.8	2.7	.3									3.8	6.2	6.0
(S) 170-190	1.0	2.3	.8	.1								4.1	6.9	6.0
200-220	.3	2.8	1.5									4.6	8.0	7.0
230-250	.5	3.7	1.0									5.2	7.4	7.5
(W) 260-280	1.1	3.7	1.7									6.5	7.8	8.0
290-310	1.0	3.4	1.2	.5								6.1	8.1	7.0
320-340	1.4	3.8	.6	.1								5.9	6.7	6.0
VARIABLE														
CALM	////	////	////	////	////	////	////	////	////	////	////	3.5	////	////
TOTALS	13.8	67.0	14.1	1.6								100.0	6.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.4	13.2	2.9	.2								18.7	7.2	7.0
020-040	3.3	7.3	.9									11.5	5.8	5.0
050-070	2.8	5.7	.8									9.2	5.5	5.0
(E) 080-100	3.2	6.3	.3									9.9	5.3	5.0
110-130	1.3	5.4										6.7	5.9	6.0
140-160	1.2	2.8	.8									4.7	6.8	7.0
(S) 170-190	.8	3.0	.2	.2								4.2	6.7	6.0
200-220	.9	2.7	.4	.1								4.1	6.7	6.0
230-250	1.0	3.9	.5									5.4	6.5	6.0
(W) 260-280	1.0	3.1	.4									4.5	7.0	7.0
290-310	.6	4.6	1.6	.2	.1							7.2	8.1	8.0
320-340	.9	4.5	2.6	.3	.1							8.4	8.6	8.0
VARIABLE														
CALM												5.5		
TOTALS	19.4	62.5	11.4	1.0	.2							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.3	10.7	3.6	.6								17.2	7.6	7.0
020-040	2.1	6.6	1.5	.3								10.5	6.9	6.0
050-070	1.8	5.2	1.2	.1	.0							8.4	6.7	6.0
(E) 080-100	1.2	4.5	1.3	.1								7.2	7.2	6.0
110-130	.8	3.8	1.3	.2								6.1	7.7	7.0
140-160	.9	2.6	1.0	.1	.0							4.6	7.4	7.0
(S) 170-190	1.1	3.7	2.5	.7	.1							8.2	8.8	8.0
200-220	.8	2.4	1.3	.2								4.7	8.0	8.0
230-250	.9	2.5	1.1	.1								4.6	7.5	7.0
(W) 260-280	.8	2.5	1.1	.5	.0							4.9	8.6	8.0
290-310	.8	4.2	1.9	.4	.1							7.4	8.4	8.0
320-340	1.4	6.0	3.1	.4	.0							10.9	8.1	8.0
VARIABLE														
CALM												5.5		
TOTALS	14.9	54.7	20.9	3.7	.2							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION MAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.3	12.9	9.5	.9								24.5	8.8	9.0
020-040	1.4	5.4	3.8	.7								11.3	8.9	9.0
050-070	.8	3.0	.4	.1								4.4	6.8	6.0
(E) 080-100	.5	1.4	1.0									3.0	7.6	7.0
110-130	.1	1.0										1.1	6.4	6.0
140-160	.5	1.6	.3	.3								2.4	7.9	6.0
(S) 170-190	.6	5.2	6.1	.6								12.5	9.4	10.0
200-220	.9	4.4	2.0	.1								7.4	8.2	8.0
230-250	.7	2.0	.4	.1								3.3	6.9	6.0
(W) 260-280	.7	2.0	1.6	.1								4.4	8.7	8.0
290-310	.7	6.8	2.0	.1								9.6	7.6	8.0
320-340	.9	7.2	4.1	.7								12.9	8.7	9.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.1	//////	//////
TOTALS	10.1	52.9	30.2	3.7								100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 705

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	6.0	1.8	.2	.0	.0						9.9	7.1	6.0
020-040	2.2	5.7	1.6	.2	.0	.0	.0					9.7	6.9	6.0
050-070	2.1	6.5	2.6	.4	.0							11.6	7.5	7.0
(E) 080-100	1.5	5.6	2.5	.3	.0	.0						9.8	7.7	7.0
110-130	1.4	5.0	1.3	.2	.0	.0	.0					8.4	7.4	7.0
140-160	1.3	3.7	1.1	.2	.0	.0						6.3	7.3	7.0
(S) 170-190	1.6	4.7	1.7	.4	.1	.0	.0					8.4	7.7	7.0
200-220	1.1	3.2	1.1	.3	.0	.0						5.6	7.6	7.0
230-250	1.2	3.6	1.3	.3	.1	.0						6.5	7.8	7.0
(W) 260-280	1.0	3.0	1.4	.5	.1	.0	.0					6.0	8.6	8.0
290-310	1.1	3.7	1.6	.4	.1	.0						6.9	8.0	7.0
320-340	1.1	3.8	1.4	.2	.0	.0						6.4	7.4	7.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.4	//////	//////
TOTALS	17.5	54.5	19.9	3.6	.4							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS: 87667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.6	9.2	5.8	.8	.0	.1						17.6	8.7	8.0
020-040	1.4	5.8	2.5	.5	.0	.0	.0					10.3	8.2	7.0
050-070	1.2	4.1	1.4	.3	.0							7.0	7.5	7.0
(E) 080-100	.9	1.7	1.0	.4	.0	.0						4.1	8.2	7.0
110-130	.7	1.8	1.1	.3	.1							4.0	8.6	8.0
140-160	1.0	3.0	1.3	.4		.0						5.7	8.2	7.0
(S) 170-190	1.1	4.5	4.5	.9	.0		.0					11.1	9.4	9.0
200-220	.8	3.6	2.0	.5	.1							7.0	8.6	8.0
230-250	1.0	3.7	1.3	.3	.2							6.6	8.0	7.0
(W) 260-280	.8	2.5	1.1	.5	.1	.0						5.0	8.7	8.0
290-310	1.0	4.5	2.0	.4	.0	.0						7.9	8.2	8.0
320-340	1.3	5.3	3.2	.5	.0							10.3	8.4	8.0
VARIABLE														
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.4	//////	//////
TOTALS	12.8	49.7	27.2	5.8	.5	.1						100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS: 5096

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PPPPPPPP        AAAAAA        RRRRRRRR        TTTTTTTTTT        DDDDDDDD
PPPPPPPPP      AAAAAAAA       RRRRRRRRR       TTTTTTTTTT        DDDDDDDDD
PP      PP    AA      AA      RR      RR          TT            DD      DD
PP      PP    AA      AA      RR      RR          TT            DD      DD
PPPPPPPPP     AA      AA      RRRRRRRRR           TT            DD      DD
PPPPPPPP      AAAAAAAAAA      RRRRRRRR            TT            DD      DD
PP            AAAAAAAAAA      RR    RR            TT            DD      DD
PP            AA      AA      RR     RR           TT            DD      DD
PP            AA      AA      RR      RR          TT            DDDDDDDDD
PP            AA      AA      RR       RR         TT            DDDDDDDDD
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PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES. FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURRED, OR TOTALLY OBSCURRED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS," HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.4	55.5	56.7	57.0	57.4	57.4	57.5	57.5	57.5	57.7	57.8	57.8	58.0	58.0	58.0	58.0
GE 20000	55.2	61.1	62.6	63.0	63.4	63.5	63.7	63.7	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1
GE 18000	55.3	61.2	62.7	63.1	63.5	63.7	63.8	63.8	63.8	64.0	64.1	64.1	64.2	64.2	64.2	64.2
GE 16000	55.3	61.2	62.7	63.1	63.5	63.7	63.8	63.8	63.8	64.0	64.1	64.1	64.2	64.2	64.2	64.2
GE 14000	55.3	61.2	62.7	63.1	63.5	63.7	63.8	63.8	63.8	64.0	64.1	64.1	64.2	64.2	64.2	64.2
GE 12000	55.6	61.5	63.0	63.4	63.9	64.0	64.1	64.1	64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.5
GE 10000	57.1	63.0	64.6	65.1	65.5	65.6	65.7	65.7	65.7	65.9	66.0	66.0	66.1	66.1	66.1	66.1
GE 9000	58.6	64.9	66.6	67.0	67.4	67.5	67.6	67.6	67.6	67.8	68.0	68.0	68.1	68.1	68.1	68.1
GE 8000	60.8	67.3	69.2	69.7	70.1	70.2	70.3	70.3	70.3	70.5	70.6	70.6	70.8	70.8	70.8	70.8
GE 7000	61.6	68.4	70.3	70.8	71.5	71.6	71.7	71.7	71.7	71.9	72.0	72.0	72.2	72.2	72.2	72.2
GE 6000	62.0	68.8	70.8	71.2	71.9	72.0	72.2	72.2	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6
GE 5000	63.8	71.1	73.0	73.4	74.2	74.3	74.4	74.4	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8
GE 4500	65.1	72.7	74.6	75.1	75.8	75.9	76.0	76.0	76.0	76.2	76.3	76.3	76.5	76.5	76.5	76.5
GE 4000	65.7	73.5	75.5	75.9	76.7	76.8	77.0	77.0	77.0	77.2	77.3	77.3	77.4	77.4	77.4	77.4
GE 3500	67.1	75.1	77.0	77.5	78.3	78.4	78.6	78.6	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.0
GE 3000	69.1	77.2	79.2	79.9	80.6	80.8	81.0	81.0	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4
GE 2500	70.0	78.4	80.4	81.1	81.9	82.2	82.4	82.4	82.4	82.6	82.7	82.7	82.8	82.8	82.8	82.8
GE 2000	71.0	79.6	81.6	82.3	83.1	83.3	83.5	83.5	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.0
GE 1800	71.0	79.6	81.6	82.3	83.1	83.3	83.5	83.5	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.0
GE 1500	71.5	80.1	82.2	82.8	83.7	83.9	84.1	84.1	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.5
GE 1200	73.3	82.2	84.3	85.1	85.9	86.2	86.5	86.5	86.5	86.7	86.8	86.8	86.9	86.9	86.9	86.9
GE 1000	73.8	82.8	85.2	86.0	86.9	87.2	87.4	87.4	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8
GE 900	74.2	83.4	86.0	87.1	88.2	88.6	88.8	88.8	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.2
GE 800	75.2	84.6	87.5	88.6	89.7	90.1	90.4	90.4	90.4	90.6	90.8	90.8	90.9	90.9	90.9	90.9
GE 700	75.4	84.8	88.0	89.0	90.3	90.8	91.1	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5
GE 600	75.6	85.2	88.7	89.9	91.4	92.0	92.4	92.4	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8
GE 500	75.6	85.2	88.7	89.9	91.7	92.4	92.9	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3
GE 400	75.8	85.5	89.1	90.4	92.5	93.3	93.9	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4
GE 300	75.8	85.5	89.2	90.5	92.7	93.7	94.3	94.6	94.6	95.1	95.3	95.3	95.4	95.4	95.4	95.4
GE 200	75.8	85.5	89.2	90.5	92.7	93.7	94.3	94.9	94.9	95.5	95.8	95.8	96.1	96.3	96.6	96.6
GE 100	75.8	85.5	89.2	90.5	92.7	93.7	94.3	95.1	95.1	95.7	96.1	96.1	96.8	97.0	97.6	98.2
GE 000	75.8	85.5	89.2	90.5	92.7	93.7	94.3	95.1	95.1	95.7	96.2	96.2	97.0	97.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.8	51.3	52.8	55.3	55.8	55.8	56.8	57.0	57.0	57.5	57.6	57.6	58.2	58.2	58.2	58.5
GE 20000	53.7	55.5	58.2	60.9	61.4	61.4	62.4	62.6	62.6	63.2	63.3	63.3	63.9	63.9	63.9	64.2
GE 18000	53.7	55.5	58.2	60.9	61.4	61.4	62.4	62.6	62.6	63.2	63.3	63.3	63.9	63.9	63.9	64.2
GE 16000	53.7	55.5	58.2	60.9	61.4	61.4	62.4	62.6	62.6	63.2	63.3	63.3	63.9	63.9	63.9	64.2
GE 14000	53.7	55.5	58.2	60.9	61.4	61.4	62.4	62.6	62.6	63.2	63.3	63.3	63.9	63.9	63.9	64.2
GE 12000	54.1	55.9	58.6	61.3	61.8	61.8	62.8	63.0	63.0	63.7	63.8	63.8	64.3	64.3	64.3	64.6
GE 10000	55.7	57.5	60.4	63.1	63.7	63.7	64.6	64.8	64.8	65.5	65.6	65.6	66.1	66.1	66.1	66.5
GE 9000	56.6	58.4	61.3	64.0	64.5	64.5	65.5	65.7	65.7	66.3	66.5	66.5	67.0	67.0	67.0	67.3
GE 8000	57.4	59.2	62.4	65.3	65.8	65.8	66.8	67.0	67.0	67.6	67.7	67.7	68.3	68.3	68.3	68.6
GE 7000	58.4	60.3	63.4	66.3	67.1	67.1	68.1	68.3	68.3	68.9	69.0	69.0	69.6	69.6	69.6	69.9
GE 6000	59.2	61.2	64.3	67.2	68.0	68.0	68.9	69.1	69.1	69.8	69.9	69.9	70.4	70.4	70.4	70.8
GE 5000	62.0	64.2	67.4	70.4	71.2	71.2	72.2	72.4	72.4	73.0	73.1	73.1	73.7	73.7	73.7	74.0
GE 4500	62.8	64.9	68.4	71.5	72.3	72.3	73.2	73.4	73.4	74.1	74.2	74.2	74.7	74.7	74.7	75.1
GE 4000	63.9	66.0	69.6	72.7	73.4	73.4	74.4	74.7	74.7	75.4	75.5	75.5	76.0	76.0	76.0	76.3
GE 3500	64.2	66.5	70.0	73.1	73.9	73.9	74.8	75.2	75.2	75.8	75.9	75.9	76.5	76.5	76.5	76.8
GE 3000	67.1	69.4	73.1	76.3	77.2	77.2	78.2	78.5	78.5	79.1	79.2	79.2	79.8	79.8	79.8	80.1
GE 2500	68.2	70.4	74.4	77.7	78.8	78.8	79.8	80.1	80.1	80.9	81.0	81.0	81.5	81.5	81.5	81.8
GE 2000	68.6	71.0	75.2	78.7	79.8	79.8	80.8	81.1	81.1	81.8	81.9	81.9	82.5	82.5	82.5	82.8
GE 1800	68.9	71.4	75.6	79.1	80.2	80.2	81.2	81.5	81.5	82.3	82.4	82.4	82.9	82.9	82.9	83.2
GE 1500	69.1	71.6	75.9	79.5	80.6	80.6	81.6	81.9	81.9	82.8	82.9	82.9	83.4	83.4	83.4	83.8
GE 1200	70.1	72.6	77.1	80.6	81.8	81.8	82.9	83.2	83.2	84.1	84.2	84.2	84.7	84.7	84.7	85.1
GE 1000	70.6	73.4	78.3	81.8	83.0	83.0	84.1	84.4	84.4	85.3	85.4	85.4	85.9	85.9	85.9	86.2
GE 900	71.0	73.9	79.0	82.7	84.0	84.0	85.2	85.6	85.6	86.5	86.6	86.6	87.1	87.1	87.1	87.4
GE 800	71.3	74.5	79.8	83.4	84.7	84.7	85.9	86.5	86.5	87.3	87.4	87.4	88.0	88.0	88.0	88.3
GE 700	71.6	74.8	80.1	83.8	85.1	85.2	86.3	86.9	86.9	87.7	87.8	87.8	88.4	88.4	88.4	88.7
GE 600	72.2	75.7	81.3	85.1	86.7	87.2	88.6	89.1	89.1	90.1	90.2	90.2	90.8	90.8	90.8	91.1
GE 500	72.2	75.7	81.4	85.3	87.0	87.5	89.1	89.8	89.8	90.8	90.9	90.9	91.4	91.4	91.4	91.7
GE 400	72.2	75.7	81.6	85.5	87.3	88.1	90.0	90.8	91.0	91.9	92.0	92.0	92.6	92.6	92.6	92.9
GE 300	72.3	75.9	82.2	86.0	88.0	88.8	91.5	92.3	92.6	93.5	93.7	93.7	94.2	94.2	94.2	94.7
GE 200	72.3	75.9	82.2	86.0	88.0	89.0	91.8	93.0	93.3	94.4	94.9	94.9	95.5	95.5	95.7	96.2
GE 100	72.3	75.9	82.2	86.0	88.0	89.0	91.8	93.4	93.8	94.9	95.7	95.7	96.2	96.2	96.9	97.8
GE 000	72.3	75.9	82.2	86.0	88.0	89.0	91.8	93.4	93.8	94.9	95.7	95.7	96.2	96.2	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.9	41.8	45.2	48.0	49.6	49.9	50.0	50.1	50.1	50.4	50.9	50.9	51.6	51.6	51.8	52.5
GE 20000	40.5	46.2	50.3	54.0	56.1	56.5	56.6	56.7	56.7	57.0	57.4	57.4	58.2	58.2	58.4	59.0
GE 18000	40.5	46.2	50.3	54.0	56.1	56.5	56.6	56.7	56.7	57.0	57.4	57.4	58.2	58.2	58.4	59.0
GE 16000	40.5	46.2	50.3	54.0	56.1	56.5	56.6	56.7	56.7	57.0	57.4	57.4	58.2	58.2	58.4	59.0
GE 14000	40.5	46.2	50.3	54.0	56.1	56.5	56.6	56.7	56.7	57.0	57.4	57.4	58.2	58.2	58.4	59.0
GE 12000	40.9	46.6	50.6	54.4	56.6	56.9	57.0	57.1	57.1	57.4	57.8	57.8	58.6	58.6	58.8	59.5
GE 10000	42.7	48.7	53.0	56.8	58.9	59.2	59.6	59.7	59.7	60.0	60.4	60.4	61.2	61.2	61.4	62.0
GE 9000	43.1	49.2	53.5	57.3	59.5	59.8	60.1	60.2	60.2	60.5	61.0	61.0	61.7	61.7	61.9	62.6
GE 8000	44.0	50.5	54.9	58.9	61.1	61.4	61.8	61.9	61.9	62.3	62.7	62.7	63.4	63.4	63.7	64.3
GE 7000	45.3	52.5	57.0	61.0	63.1	63.5	64.0	64.1	64.1	64.4	64.8	64.8	65.6	65.6	65.8	66.5
GE 6000	45.8	53.0	57.5	61.5	63.8	64.2	64.6	64.7	64.7	65.1	65.5	65.5	66.2	66.2	66.5	67.1
GE 5000	47.3	55.1	59.8	63.9	66.1	66.7	67.1	67.2	67.2	67.5	68.0	68.0	68.7	68.7	68.9	69.6
GE 4500	48.8	56.7	61.5	65.6	68.0	68.5	68.9	69.0	69.0	69.4	69.8	69.8	70.5	70.5	70.8	71.4
GE 4000	49.7	57.8	62.9	67.0	69.4	69.9	70.3	70.4	70.4	70.8	71.2	71.2	71.9	71.9	72.2	72.8
GE 3500	50.3	58.5	63.5	67.6	70.0	70.5	71.0	71.1	71.1	71.4	71.8	71.8	72.6	72.6	72.8	73.4
GE 3000	51.7	60.2	65.7	70.1	72.6	73.1	73.7	73.9	73.8	74.1	74.5	74.5	75.3	75.3	75.6	76.2
GE 2500	52.7	61.6	67.3	71.7	74.3	74.8	75.4	75.5	75.5	75.8	76.2	76.2	77.0	77.0	77.3	78.0
GE 2000	53.7	62.7	68.4	72.9	75.5	76.0	76.6	76.7	76.7	77.0	77.4	77.4	78.2	78.2	78.5	79.1
GE 1800	54.0	63.1	68.8	73.3	75.9	76.5	77.0	77.1	77.1	77.4	77.8	77.8	78.6	78.6	78.9	79.6
GE 1500	54.9	64.2	70.1	74.7	77.3	77.8	78.4	78.5	78.5	78.9	79.4	79.4	80.1	80.1	80.4	81.1
GE 1200	56.2	65.8	71.8	76.5	79.0	79.6	80.1	80.2	80.2	80.6	81.1	81.1	81.9	81.9	82.3	82.9
GE 1000	56.9	66.7	72.7	77.4	80.0	80.5	81.1	81.2	81.2	81.6	82.0	82.0	82.9	82.9	83.2	83.9
GE 900	57.6	67.5	73.8	78.5	81.1	81.6	82.4	82.5	82.5	82.9	83.3	83.3	84.2	84.2	84.5	85.2
GE 800	58.1	68.2	74.6	79.4	82.0	82.6	83.4	83.5	83.5	84.0	84.4	84.4	85.3	85.3	85.6	86.2
GE 700	58.4	68.6	75.3	80.0	83.0	83.5	84.5	84.7	84.7	85.2	85.6	85.6	86.5	86.5	86.8	87.4
GE 600	58.7	69.1	76.1	80.9	84.2	84.8	85.8	86.2	86.2	86.7	87.1	87.1	88.0	88.0	88.3	88.9
GE 500	58.8	69.4	76.3	81.1	84.5	85.2	86.5	87.1	87.1	87.5	88.0	88.0	88.8	88.8	89.1	89.8
GE 400	58.9	69.5	76.5	81.3	85.1	85.7	87.4	88.3	88.3	88.9	89.4	89.4	90.2	90.2	90.5	91.2
GE 300	59.0	69.6	76.6	81.4	85.3	85.9	88.0	89.2	89.2	90.2	90.6	90.6	91.7	91.7	92.2	92.9
GE 200	59.0	69.6	76.6	81.5	85.4	86.1	88.5	89.8	89.8	91.2	91.7	91.7	93.0	93.1	93.7	94.6
GE 100	59.0	69.6	76.6	81.5	85.4	86.1	88.5	89.9	89.9	91.4	92.3	92.3	94.0	94.1	95.7	97.1
GE 000	59.0	69.6	76.6	81.5	85.4	86.1	88.5	89.9	89.9	91.4	92.3	92.3	94.1	94.3	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.0	46.7	49.6	51.0	51.4	51.5	51.5	51.7	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9
GE 20000	51.6	54.7	58.3	60.2	60.8	60.9	61.0	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4
GE 18000	51.6	54.7	58.3	60.2	60.8	60.9	61.0	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	51.6	54.7	58.3	60.2	60.8	60.9	61.0	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	52.2	55.3	58.9	60.9	61.4	61.5	61.6	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	52.6	55.8	59.5	61.5	62.0	62.2	62.3	62.5	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	53.8	57.1	61.1	63.1	63.7	63.8	63.9	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000	55.4	58.7	62.7	64.7	65.3	65.4	65.5	65.7	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	57.2	60.6	64.9	67.1	67.7	67.8	68.1	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5
GE 7000	59.1	62.6	67.2	69.4	70.1	70.2	70.4	70.6	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0
GE 6000	59.5	63.0	67.6	69.8	70.5	70.6	70.9	71.1	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	61.2	64.8	69.6	71.7	72.5	72.7	72.9	73.1	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4
GE 4500	61.8	65.5	70.2	72.4	73.2	73.4	73.8	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	62.7	66.5	71.3	73.8	74.6	74.8	75.3	75.5	75.5	75.7	75.8	75.8	75.9	75.9	75.9	75.9
GE 3500	63.4	67.2	72.0	74.6	75.5	75.7	76.1	76.3	76.3	76.6	76.7	76.7	76.8	76.8	76.8	76.8
GE 3000	64.4	68.2	73.0	75.7	76.7	76.9	77.3	77.5	77.5	77.7	77.8	77.8	78.0	78.0	78.0	78.0
GE 2500	66.1	69.9	74.7	77.4	78.4	78.6	79.1	79.4	79.4	79.7	79.8	79.8	79.9	79.9	79.9	79.9
GE 2000	67.3	71.1	76.1	78.8	79.8	80.0	80.6	80.9	80.9	81.2	81.3	81.3	81.4	81.4	81.4	81.4
GE 1800	68.2	72.2	77.2	79.9	80.9	81.1	81.8	82.0	82.0	82.4	82.5	82.5	82.6	82.6	82.6	82.6
GE 1500	69.5	73.5	78.6	81.4	82.5	82.7	83.5	83.8	83.8	84.1	84.2	84.2	84.3	84.3	84.3	84.3
GE 1200	71.2	75.6	80.9	83.7	84.8	85.1	86.0	86.2	86.2	86.6	86.7	86.7	86.8	86.8	86.8	86.8
GE 1000	71.8	76.3	81.6	84.5	85.7	85.9	87.0	87.2	87.2	87.5	87.6	87.6	87.7	87.7	87.7	87.7
GE 900	72.3	77.0	82.3	85.4	86.7	87.0	88.1	88.3	88.4	88.9	89.0	89.0	89.1	89.1	89.1	89.1
GE 800	72.6	77.3	82.7	85.9	87.2	87.5	88.6	88.8	88.9	89.5	89.6	89.6	89.7	89.7	89.7	89.7
GE 700	73.1	78.1	83.9	87.2	88.6	88.9	90.0	90.4	90.6	91.2	91.3	91.3	91.4	91.4	91.4	91.4
GE 600	73.2	78.2	84.0	87.4	89.4	89.8	91.3	91.8	92.2	92.7	92.8	92.8	92.9	92.9	92.9	92.9
GE 500	73.2	78.4	84.3	87.8	89.9	90.5	92.5	93.1	93.4	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 400	73.2	78.4	84.5	88.2	90.2	90.9	93.4	94.2	94.5	95.5	95.6	95.6	95.9	95.9	95.9	95.9
GE 300	73.2	78.4	84.5	88.2	90.4	91.1	94.1	95.2	95.5	96.5	96.8	96.8	97.2	97.2	97.4	97.4
GE 200	73.2	78.4	84.5	88.2	90.4	91.1	94.2	95.3	95.6	96.8	97.1	97.1	97.8	97.8	98.1	98.1
GE 100	73.2	78.4	84.5	88.2	90.4	91.1	94.2	95.3	95.6	96.8	97.2	97.2	98.3	98.3	99.5	99.6
GE 000	73.2	78.4	84.5	88.2	90.4	91.1	94.2	95.3	95.6	96.8	97.2	97.2	98.3	98.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.2	48.7	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 20000	59.8	61.2	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 18000	59.8	61.2	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 16000	59.9	61.3	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 14000	60.0	61.4	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 12000	60.3	61.7	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 10000	62.2	63.7	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 9000	64.1	65.6	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 8000	66.0	67.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	67.0	69.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	67.3	69.5	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 5000	68.6	70.9	71.8	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	70.2	72.6	73.5	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000	71.9	74.6	75.7	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
GE 3500	73.5	76.2	77.3	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8
GE 3000	77.4	80.1	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8
GE 2500	80.3	83.2	84.4	84.6	84.7	84.8	84.8	84.8	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 2000	82.4	85.4	86.6	87.0	87.1	87.2	87.2	87.4	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8
GE 1800	83.2	86.2	87.4	87.8	88.0	88.1	88.1	88.3	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7
GE 1500	84.4	87.5	88.7	89.2	89.5	89.6	89.6	89.8	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 1200	85.5	89.4	91.1	91.6	91.8	91.9	91.9	92.3	92.4	92.7	92.7	92.7	92.8	92.8	92.8	92.8
GE 1000	85.8	89.7	91.6	92.4	92.7	92.8	93.1	93.4	93.5	93.9	93.9	93.9	94.0	94.0	94.0	94.0
GE 900	85.9	90.1	92.0	92.8	93.1	93.2	93.5	93.9	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 800	85.9	90.3	92.5	93.4	93.8	94.2	94.6	94.9	95.1	95.4	95.5	95.5	95.6	95.6	95.6	95.6
GE 700	86.0	90.5	92.9	93.9	94.2	94.7	95.3	95.6	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2
GE 600	86.1	90.8	93.4	94.6	95.1	95.7	96.7	97.1	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.7
GE 500	86.2	91.1	94.0	95.2	95.6	96.2	97.5	98.2	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 400	86.2	91.1	94.1	95.4	95.8	96.5	98.0	98.7	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9
GE 300	86.2	91.1	94.1	95.4	95.8	96.6	98.1	98.8	98.9	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	86.2	91.1	94.1	95.4	95.8	96.6	98.1	98.8	98.9	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	86.2	91.1	94.1	95.4	95.8	96.6	98.1	98.8	98.9	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	86.2	91.1	94.1	95.4	95.8	96.6	98.1	98.8	98.9	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	62.6	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 18000	62.7	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 16000	62.7	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 14000	63.0	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 12000	64.2	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	66.2	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	68.3	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 8000	69.6	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 7000	71.0	71.7	71.8	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000	71.7	72.5	72.6	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 5000	74.7	75.6	75.7	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4500	76.7	77.5	77.6	77.8	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4000	78.3	79.6	79.7	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3500	80.2	81.6	81.7	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3000	83.7	85.3	85.4	85.6	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	86.6	88.3	88.4	88.6	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	88.1	90.1	90.3	90.5	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	88.4	90.5	90.3	91.0	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	88.6	90.8	91.0	91.2	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	89.4	91.7	91.9	92.2	92.8	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	89.7	92.5	92.8	93.1	94.1	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	90.1	93.0	93.7	94.1	95.3	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	90.2	93.3	94.4	94.8	96.0	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	90.3	93.5	94.7	95.4	96.6	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	90.4	93.7	95.2	95.9	97.2	97.5	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	90.6	93.9	95.5	96.3	97.7	98.1	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	90.6	93.9	95.5	96.3	97.7	98.1	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	90.6	93.9	95.5	96.3	97.8	98.2	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	90.6	93.9	95.5	96.3	97.8	98.2	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	90.6	93.9	95.5	96.3	97.8	98.2	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	90.6	93.9	95.5	96.3	97.8	98.2	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000	63.1	64.8	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	63.1	64.8	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 16000	63.1	64.8	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 14000	63.1	64.8	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000	63.8	65.5	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 10000	64.5	66.2	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 9000	66.2	68.1	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 8000	68.9	71.1	71.3	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	70.8	73.4	73.8	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	71.0	73.7	74.0	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 5000	72.9	75.9	76.2	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4500	74.3	77.3	77.6	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4000	76.3	79.5	79.8	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	78.6	82.2	82.5	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	81.9	85.6	86.1	86.5	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2500	82.8	86.6	87.2	87.6	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	83.4	87.4	88.2	88.6	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	83.9	88.0	88.7	89.1	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1500	84.9	89.4	90.3	90.8	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	85.4	90.2	91.2	91.6	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1000	85.7	90.9	91.8	92.5	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	86.1	91.3	92.3	92.9	93.4	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	86.5	91.6	92.8	93.5	94.1	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	86.6	91.8	93.0	94.2	94.7	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	86.8	92.0	93.7	94.8	95.4	96.0	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	86.9	92.4	94.1	95.4	95.2	97.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	86.9	92.4	94.1	95.5	96.3	97.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	86.9	92.4	94.1	95.7	96.5	97.5	98.9	99.6	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	86.9	92.4	94.1	95.7	96.8	97.5	98.9	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	86.9	92.4	94.1	95.7	96.8	97.5	98.9	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	86.9	92.4	94.1	95.7	96.8	97.5	98.9	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.5	59.6	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	63.9	65.1	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 18000	63.9	65.1	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	63.9	65.1	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000	63.9	65.1	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	64.1	65.3	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 10000	65.7	66.9	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 9000	67.5	68.7	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	70.4	71.7	72.6	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	72.0	73.8	74.8	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 6000	72.5	74.2	75.3	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	74.0	75.7	76.8	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4500	75.3	77.1	78.3	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4000	76.7	78.5	79.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	78.9	80.8	82.0	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	81.6	83.5	84.9	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500	82.6	84.5	85.9	86.5	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	83.9	85.8	87.2	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	84.1	86.0	87.4	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	84.4	86.3	87.7	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	86.0	88.1	89.5	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	86.3	88.5	90.0	90.6	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	86.7	88.9	90.4	91.1	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	87.2	89.5	91.2	92.0	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	87.4	89.7	91.6	92.6	93.1	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	87.6	89.9	91.9	92.8	93.3	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	87.6	90.0	92.2	93.2	93.9	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 400	87.6	90.1	92.6	93.9	94.6	95.7	96.6	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	87.7	90.2	92.7	94.1	94.9	96.0	97.2	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	87.7	90.2	92.7	94.1	95.3	96.5	97.6	98.6	98.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4
GE 100	87.7	90.2	92.7	94.1	95.3	96.5	97.6	98.6	98.6	98.9	99.2	99.2	99.6	99.6	99.7	99.8
GE 000	87.7	90.2	92.7	94.1	95.3	96.5	97.6	98.6	98.6	98.9	99.2	99.2	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722053 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.9	51.1	52.3	53.2	53.6	53.6	53.9	53.9	53.9	54.0	54.1	54.1	54.3	54.3	54.3	54.4
GE 20000	55.4	57.0	59.5	61.2	62.3	62.4	62.5	62.5	62.5	62.7	62.8	62.8	63.0	63.0	63.0	63.2
GE 18000	55.4	57.0	59.7	61.5	62.3	62.4	62.5	62.6	62.6	62.8	62.9	62.9	63.0	63.0	63.1	63.2
GE 16000	55.4	57.0	59.7	61.5	62.3	62.4	62.5	62.6	62.6	62.8	62.9	62.9	63.1	63.1	63.1	63.2
GE 14000	56.5	58.1	60.8	62.0	62.5	62.6	62.7	62.8	62.8	62.9	63.0	63.0	63.2	63.2	63.2	63.3
GE 12000	56.9	58.6	61.3	62.5	63.0	63.1	63.2	63.3	63.3	63.4	63.5	63.5	63.7	63.7	63.7	63.9
GE 10000	59.5	61.3	63.1	64.2	64.7	64.8	65.0	65.1	65.1	65.2	65.3	65.3	65.5	65.5	65.5	65.6
GE 9000	60.2	62.3	64.5	65.5	65.9	66.4	66.6	66.7	66.7	66.8	66.9	66.9	67.1	67.1	67.1	67.2
GE 8000	61.5	64.1	66.3	66.1	68.7	68.8	69.0	69.0	69.0	69.2	69.3	69.3	69.5	69.5	69.5	69.6
GE 7000	63.1	66.5	68.6	69.3	70.5	70.6	70.8	70.9	70.9	71.1	71.2	71.2	71.4	71.4	71.4	71.5
GE 6000	63.5	67.0	69.1	70.4	71.0	71.1	71.4	71.4	71.4	71.6	71.7	71.7	71.9	71.9	71.9	72.0
GE 5000	65.5	69.2	71.3	72.6	73.3	73.4	73.7	73.7	73.7	73.9	74.0	74.0	74.2	74.2	74.2	74.3
GE 4500	67.0	70.5	72.7	74.1	74.8	74.9	75.2	75.3	75.3	75.4	75.5	75.5	75.7	75.7	75.7	75.8
GE 4000	69.1	72.2	74.3	75.7	75.4	76.5	76.8	76.9	76.9	77.0	77.1	77.1	77.3	77.3	77.4	77.5
GE 3500	69.5	73.5	75.8	77.2	77.8	78.1	78.3	78.4	78.4	78.6	78.7	78.7	78.9	78.9	78.9	79.0
GE 3000	72.1	75.2	78.6	80.1	80.9	81.1	81.4	81.5	81.5	81.6	81.7	81.7	81.9	81.9	82.0	82.1
GE 2500	73.7	77.9	80.3	81.4	82.8	82.7	83.5	83.5	83.4	83.6	83.7	83.7	83.9	83.9	83.9	84.0
GE 2000	74.8	79.1	81.7	83.3	84.2	84.4	84.7	84.8	84.8	85.1	85.1	85.1	85.3	85.3	85.4	85.5
GE 1800	75.2	79.6	82.2	83.8	84.7	84.9	85.2	85.2	85.3	85.6	85.7	85.7	85.9	85.9	85.9	86.0
GE 1500	75.9	80.4	83.1	84.7	85.7	85.9	86.2	86.3	86.3	86.6	86.7	86.7	86.9	86.9	86.9	87.0
GE 1200	77.1	81.9	84.7	86.4	87.4	87.6	88.0	88.1	88.1	88.4	88.5	88.5	88.7	88.7	88.8	88.9
GE 1000	77.5	82.6	85.5	87.3	88.3	88.5	88.9	89.1	89.1	89.4	89.5	89.5	89.7	89.7	89.8	89.9
GE 900	78.3	83.1	86.2	88.1	89.2	89.4	90.0	90.1	90.1	90.5	90.6	90.6	90.8	90.8	90.8	90.9
GE 800	78.4	83.7	86.9	88.9	90.0	90.4	91.0	91.2	91.2	91.5	91.6	91.6	91.8	91.8	91.8	92.0
GE 700	78.6	84.0	87.4	89.5	90.7	91.1	91.8	92.0	92.0	92.3	92.4	92.4	92.7	92.7	92.7	92.8
GE 600	78.8	84.3	88.0	90.2	91.5	92.1	93.0	93.3	93.4	93.7	93.8	93.8	94.0	94.0	94.0	94.2
GE 500	78.9	84.5	88.3	90.5	92.1	92.7	93.9	94.3	94.3	94.7	94.9	94.9	95.1	95.1	95.1	95.2
GE 400	78.9	84.6	88.5	90.8	92.4	93.2	94.5	95.2	95.3	95.6	95.9	95.9	96.1	96.1	96.2	96.3
GE 300	78.9	84.6	88.6	91.0	92.7	93.5	95.1	95.9	96.0	96.6	96.8	96.8	97.1	97.1	97.1	97.3
GE 200	78.9	84.6	88.6	91.0	92.9	93.6	95.3	96.3	96.3	97.0	97.3	97.3	97.7	97.7	97.9	98.1
GE 100	78.9	84.6	88.6	91.0	92.9	93.6	95.3	96.3	96.4	97.2	97.5	97.5	98.1	98.1	98.7	99.0
GE 000	78.9	84.6	88.6	91.0	92.9	93.6	95.3	96.3	96.4	97.2	97.5	97.5	98.1	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.5	57.6	58.5	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1
GE 20000	54.7	65.0	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8
GE 18000	54.7	65.0	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8
GE 16000	54.7	65.0	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8
GE 14000	54.7	65.0	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8
GE 12000	55.5	65.8	68.1	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
GE 10000	56.7	67.5	69.5	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
GE 9000	57.7	68.3	70.6	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
GE 8000	60.7	71.5	73.7	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
GE 7000	61.5	72.4	74.8	75.5	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0
GE 6000	62.0	72.9	75.3	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4
GE 5000	62.4	73.9	76.2	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
GE 4500	62.7	74.4	76.9	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2
GE 4000	64.2	76.3	79.3	79.6	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
GE 3500	64.5	76.8	79.4	80.1	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
GE 3000	66.2	79.8	81.6	82.3	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2
GE 2500	67.1	79.9	82.3	83.5	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.5
GE 2000	68.4	82.1	85.3	86.2	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
GE 1800	68.7	82.2	85.5	86.5	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
GE 1500	69.5	82.9	86.6	87.5	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
GE 1200	69.7	83.3	87.4	88.3	88.9	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
GE 1000	70.6	84.3	85.5	89.4	89.9	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
GE 900	70.9	84.5	88.7	89.5	90.2	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
GE 800	71.4	85.3	89.6	90.7	91.4	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5
GE 700	72.0	85.9	90.3	91.4	92.1	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2
GE 600	72.0	86.1	90.8	91.9	92.6	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
GE 500	72.1	86.5	91.4	92.5	93.5	94.1	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.2
GE 400	72.1	86.5	91.4	92.9	93.9	94.3	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.6
GE 300	72.1	86.5	91.4	93.5	94.6	95.3	96.1	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.7
GE 200	72.1	86.5	91.4	93.6	94.8	95.5	96.3	96.5	96.5	96.9	97.2	97.2	97.4	97.4	97.5	97.6
GE 100	72.1	86.6	91.4	93.8	94.9	95.5	96.3	96.9	96.9	97.4	97.6	97.6	98.1	98.1	98.7	98.8
GE 000	72.1	86.6	91.4	93.8	94.9	95.5	96.3	96.9	96.9	97.4	97.8	97.8	98.2	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.3	43.2	48.8	50.3	51.6	51.6	51.7	51.9	51.9	52.2	52.4	52.4	52.5	52.5	52.8	53.1
GE 20000	46.6	48.8	54.4	56.2	57.5	57.5	57.6	57.7	57.8	58.1	58.3	58.3	58.4	58.4	58.7	59.0
GE 18000	46.6	48.8	54.4	56.2	57.5	57.5	57.6	57.7	57.8	58.1	58.3	58.3	58.4	58.4	58.7	59.0
GE 16000	46.6	48.8	54.4	56.2	57.5	57.5	57.6	57.7	57.8	58.1	58.3	58.3	58.4	58.4	58.7	59.0
GE 14000	46.6	48.8	54.4	56.2	57.5	57.5	57.6	57.7	57.8	58.1	58.3	58.3	58.4	58.4	58.7	59.0
GE 12000	47.8	49.9	55.6	57.4	58.7	58.7	58.8	58.9	59.0	59.2	59.5	59.5	59.6	59.6	59.8	60.2
GE 10000	49.2	51.4	57.0	58.8	60.2	60.2	60.3	60.4	60.5	60.8	61.0	61.0	61.1	61.1	61.4	61.7
GE 9000	50.2	52.4	58.2	60.0	61.4	61.4	61.5	61.6	61.7	62.0	62.2	62.2	62.3	62.3	62.5	62.9
GE 8000	53.0	55.2	61.4	63.1	64.5	64.5	64.7	64.8	64.9	65.1	65.4	65.4	65.5	65.5	65.7	66.1
GE 7000	54.9	57.2	63.5	65.5	67.0	67.0	67.1	67.3	67.4	67.6	67.8	67.8	68.0	68.0	68.2	68.6
GE 6000	55.4	57.7	64.0	66.0	67.5	67.5	67.6	67.7	67.8	68.1	68.3	68.3	68.4	68.4	68.7	69.0
GE 5000	55.8	58.4	65.7	67.7	69.3	69.3	69.4	69.5	69.6	69.8	70.1	70.1	70.2	70.2	70.4	70.8
GE 4500	58.3	61.0	67.4	69.7	71.3	71.3	71.4	71.5	71.6	71.8	72.1	72.1	72.2	72.2	72.4	72.8
GE 4000	59.7	62.4	68.9	71.3	72.8	72.8	72.9	73.0	73.1	73.4	73.6	73.6	73.7	73.7	74.0	74.3
GE 3500	60.3	63.0	69.5	71.9	73.4	73.4	73.5	73.6	73.7	74.0	74.2	74.2	74.3	74.3	74.6	74.9
GE 3000	62.1	65.0	71.9	74.2	75.7	75.7	75.9	76.0	76.1	76.3	76.6	76.6	76.7	76.7	76.9	77.3
GE 2500	63.5	66.4	73.4	75.7	77.3	77.3	77.4	77.5	77.6	77.9	78.1	78.1	78.2	78.2	78.4	78.8
GE 2000	64.2	67.3	74.3	77.0	78.6	78.6	78.7	78.8	78.9	79.2	79.4	79.4	79.5	79.5	79.7	80.1
GE 1800	64.9	68.0	75.1	78.1	79.6	79.6	79.7	79.9	80.0	80.2	80.4	80.4	80.6	80.6	80.8	81.2
GE 1500	66.4	69.5	76.9	80.2	81.7	81.7	81.9	82.0	82.1	82.3	82.6	82.6	82.7	82.7	82.9	83.3
GE 1200	67.4	70.4	78.4	81.7	83.3	83.3	83.4	83.5	83.6	84.0	84.2	84.2	84.3	84.3	84.6	84.9
GE 1000	67.5	70.6	78.8	82.1	83.6	83.6	83.7	83.9	84.0	84.3	84.6	84.6	84.7	84.7	84.9	85.3
GE 900	68.3	71.4	79.7	83.3	84.8	84.8	85.0	85.4	85.5	85.9	86.1	86.1	86.2	86.2	86.5	86.8
GE 800	68.4	71.6	80.1	83.6	85.3	85.3	85.7	85.9	86.0	86.3	86.6	86.6	86.7	86.7	86.9	87.3
GE 700	68.7	71.8	80.4	84.0	85.6	85.6	86.2	86.3	86.5	86.8	87.0	87.0	87.2	87.2	87.4	87.8
GE 600	68.9	72.2	81.2	84.9	86.6	86.6	87.4	87.5	87.6	88.0	88.2	88.2	88.3	88.3	88.6	88.9
GE 500	68.9	72.2	81.6	85.9	87.6	87.6	88.5	88.7	88.9	89.5	89.6	89.8	89.9	89.9	90.1	90.5
GE 400	68.9	72.2	81.6	86.2	88.5	88.5	89.8	90.0	90.1	90.5	91.0	91.0	91.2	91.2	91.5	91.9
GE 300	68.9	72.4	81.9	86.6	88.9	88.9	90.7	91.0	91.2	92.5	92.8	92.8	93.1	93.1	93.4	93.8
GE 200	68.9	72.4	81.9	86.7	89.0	89.0	90.3	91.9	92.0	94.0	94.5	94.5	95.4	95.4	95.9	96.3
GE 100	68.9	72.4	81.9	86.7	89.0	89.0	90.9	92.1	92.2	94.2	94.7	94.7	96.5	96.5	97.3	98.2
GE 000	68.9	72.4	81.9	86.7	89.0	89.0	90.9	92.1	92.2	94.2	94.7	94.7	96.6	96.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.4	35.8	41.1	43.3	46.1	46.3	47.5	47.6	47.6	47.9	48.1	48.1	48.5	48.5	49.6	49.8
GE 20000	33.0	40.5	45.3	48.6	51.7	52.1	53.5	53.7	53.7	54.1	54.3	54.3	54.9	54.9	55.9	56.2
GE 18000	33.0	40.5	46.3	48.6	51.7	52.1	53.5	53.7	53.7	54.1	54.3	54.3	54.9	54.9	55.9	56.2
GE 16000	33.0	40.5	46.3	48.6	51.7	52.1	53.5	53.7	53.7	54.1	54.3	54.3	54.9	54.9	55.9	56.2
GE 14000	33.0	40.5	46.3	48.6	51.7	52.1	53.5	53.7	53.7	54.1	54.3	54.3	54.9	54.9	55.9	56.2
GE 12000	33.5	41.0	47.0	49.4	52.4	52.8	54.2	54.4	54.4	54.8	55.0	55.0	55.6	55.6	56.7	56.9
GE 10000	34.5	42.0	48.1	50.4	53.5	53.9	55.4	55.6	55.6	55.9	56.2	56.2	56.8	56.8	57.8	58.1
GE 9000	35.8	43.6	49.7	52.1	55.1	55.7	57.1	57.4	57.4	57.7	58.0	58.0	58.5	58.5	59.6	59.8
GE 8000	37.5	45.5	52.2	54.5	57.6	58.2	59.5	59.5	59.5	60.2	60.4	60.4	61.0	61.0	62.1	62.3
GE 7000	38.2	47.7	54.3	56.8	60.0	60.5	62.0	62.3	62.3	62.8	63.0	63.0	63.6	63.6	64.7	64.9
GE 6000	38.5	47.9	54.7	57.1	60.3	60.8	62.3	62.7	62.7	63.1	63.4	63.4	64.0	64.0	65.0	65.3
GE 5000	39.9	48.8	55.5	58.1	61.2	61.6	63.3	63.6	63.6	64.1	64.3	64.3	64.9	64.9	66.0	66.2
GE 4500	40.5	49.7	56.3	59.5	62.8	63.4	64.3	65.1	65.1	65.6	65.8	65.8	66.4	66.4	67.5	67.7
GE 4000	41.7	51.0	58.2	61.0	64.3	64.9	65.3	66.7	66.7	67.1	67.4	67.4	68.0	68.0	69.0	69.3
GE 3500	42.3	52.5	60.0	62.8	66.1	66.7	68.1	68.4	68.4	68.9	69.1	69.1	69.7	69.7	70.8	71.0
GE 3000	44.6	54.7	62.2	65.0	68.4	69.0	70.4	70.8	70.8	71.4	71.6	71.6	72.2	72.2	73.3	73.6
GE 2500	45.6	55.6	63.4	66.2	69.7	70.3	71.7	72.1	72.1	72.7	72.9	72.9	73.5	73.5	74.6	74.9
GE 2000	46.2	56.4	64.5	67.6	71.3	71.8	73.3	73.7	73.7	74.3	74.6	74.6	75.1	75.1	76.2	76.6
GE 1800	46.9	57.2	65.6	68.3	72.4	73.0	74.4	74.9	74.9	75.5	75.7	75.7	76.3	76.3	77.5	77.9
GE 1500	47.6	58.0	66.9	70.3	74.0	74.6	76.0	76.4	76.4	77.0	77.3	77.3	77.9	77.9	79.0	79.4
GE 1200	48.4	58.8	68.0	71.4	75.1	75.7	77.1	77.6	77.6	78.2	78.4	78.4	79.0	79.0	80.2	80.6
GE 1000	48.9	59.4	69.2	72.3	76.2	76.9	78.4	78.9	79.0	79.6	79.9	79.9	80.4	80.4	81.6	82.0
GE 900	49.2	60.0	69.7	73.3	77.1	77.7	79.5	80.0	80.1	80.8	81.2	81.2	81.9	81.9	83.0	83.4
GE 800	49.4	60.2	70.1	73.7	77.9	78.6	80.7	81.2	81.3	82.1	82.4	82.4	83.2	83.2	84.3	84.7
GE 700	49.4	60.3	70.2	73.9	78.3	79.2	81.3	81.7	81.9	82.8	83.2	83.2	83.9	83.9	85.0	85.4
GE 600	49.4	60.4	70.7	74.3	79.0	79.9	82.1	82.6	82.7	83.6	84.0	84.0	84.7	84.7	85.9	86.2
GE 500	49.5	60.7	70.9	74.7	79.8	80.8	83.5	84.0	84.1	85.0	85.4	85.4	86.1	86.1	87.3	87.6
GE 400	49.5	61.0	71.3	75.4	80.5	82.1	85.4	86.5	86.6	87.6	88.0	88.0	88.7	88.7	89.9	90.2
GE 300	49.6	61.1	71.4	75.5	81.2	82.4	85.9	87.2	87.4	89.0	89.4	89.4	90.3	90.3	91.8	92.1
GE 200	49.6	61.1	71.4	75.5	81.3	82.6	86.2	87.9	88.0	89.1	90.1	90.7	90.7	92.0	92.0	93.6	94.2
GE 100	49.6	61.1	71.4	75.5	81.3	82.6	86.2	88.0	88.1	90.5	91.3	91.3	93.1	93.1	95.5	96.3
GE 000	49.6	61.1	71.4	75.5	81.3	82.6	86.2	88.0	88.1	90.5	91.4	91.4	93.4	93.4	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 242

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.6	41.9	43.3	44.4	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.5	45.5	45.5	45.5
GE 20000	47.9	51.7	53.2	54.3	55.1	55.1	55.2	55.2	55.2	55.4	55.5	55.5	55.6	55.6	55.6	55.6
GE 18000	47.9	51.7	53.2	54.3	55.1	55.1	55.2	55.2	55.2	55.4	55.5	55.5	55.6	55.6	55.6	55.6
GE 16000	47.9	51.7	53.2	54.3	55.1	55.1	55.2	55.2	55.2	55.4	55.5	55.5	55.6	55.6	55.6	55.6
GE 14000	48.1	51.9	53.4	54.4	55.2	55.2	55.4	55.4	55.4	55.5	55.6	55.6	55.7	55.7	55.7	55.7
GE 12000	48.4	52.2	53.7	54.9	55.7	55.7	55.8	55.8	55.8	55.9	56.1	56.1	56.2	56.2	56.2	56.2
GE 10000	50.2	54.1	55.6	56.8	57.7	57.7	57.8	57.8	57.8	58.0	58.1	58.1	58.2	58.2	58.2	58.2
GE 9000	52.1	56.1	57.7	59.2	59.8	59.8	60.0	60.0	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.3
GE 8000	53.8	58.2	59.8	61.0	62.0	62.1	62.2	62.2	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.5
GE 7000	55.7	60.1	61.8	63.3	64.2	64.3	64.4	64.4	64.4	64.5	64.7	64.7	64.8	64.8	64.8	64.8
GE 6000	55.9	60.3	62.1	63.5	64.4	64.5	64.7	64.7	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.0
GE 5000	56.8	61.4	63.1	64.5	65.5	65.6	65.7	65.7	65.7	65.8	66.0	66.0	66.1	66.1	66.1	66.1
GE 4500	57.5	62.2	64.0	65.5	66.5	66.7	66.9	66.9	66.9	67.0	67.1	67.1	67.3	67.3	67.3	67.3
GE 4000	59.1	64.2	66.0	67.7	69.0	69.1	69.4	69.4	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.7
GE 3500	60.4	65.7	67.5	69.4	70.9	71.1	71.4	71.4	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7
GE 3000	62.3	67.6	69.5	71.4	73.1	73.4	73.6	73.6	73.6	73.7	73.9	73.9	74.0	74.0	74.0	74.0
GE 2500	64.1	69.5	71.4	73.3	75.0	75.3	75.6	75.6	75.6	75.7	75.9	75.9	76.0	76.0	76.0	76.0
GE 2000	65.5	71.1	73.5	75.4	77.1	77.4	77.7	77.7	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.1
GE 1800	66.7	72.4	74.8	76.7	78.4	78.7	79.0	79.0	79.0	79.2	79.3	79.3	79.4	79.4	79.4	79.4
GE 1500	69.0	74.9	77.6	79.7	81.5	81.7	82.2	82.2	82.2	82.3	82.4	82.4	82.6	82.6	82.6	82.6
GE 1200	70.4	76.8	79.9	82.8	84.1	84.3	84.8	84.8	84.8	84.9	85.0	85.0	85.2	85.2	85.2	85.2
GE 1000	71.3	77.9	81.0	83.2	85.4	85.7	86.2	86.3	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.7
GE 900	71.8	78.8	82.2	84.3	86.9	87.4	88.2	88.3	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.7
GE 800	72.4	79.5	83.5	85.7	88.7	89.3	90.3	90.5	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.8
GE 700	72.4	79.6	83.7	86.2	89.4	90.1	91.9	92.0	92.0	92.2	92.3	92.3	92.5	92.5	92.5	92.5
GE 600	72.8	80.3	84.5	87.0	90.5	91.2	93.1	93.2	93.2	93.5	93.6	93.6	93.8	93.8	93.8	93.8
GE 500	72.9	80.4	84.6	87.5	91.4	92.2	94.9	95.3	95.3	95.9	96.1	96.1	96.2	96.2	96.2	96.2
GE 400	72.9	80.4	84.6	87.5	91.4	92.3	95.3	96.1	96.1	97.2	97.5	97.5	97.6	97.6	97.6	97.6
GE 300	72.9	80.4	84.6	87.6	91.6	92.6	95.5	96.5	96.5	97.6	98.0	98.0	98.2	98.2	98.2	98.2
GE 200	72.9	80.4	84.6	87.6	91.6	92.6	95.5	96.6	96.6	97.9	98.4	98.4	98.7	98.7	98.8	98.9
GE 100	72.9	80.4	84.6	87.6	91.6	92.6	95.5	96.6	96.6	97.9	98.4	98.4	98.7	98.7	99.1	99.6
GE 000	72.9	80.4	84.6	87.6	91.6	92.6	95.5	96.6	96.6	97.9	98.4	98.4	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.0	39.7	40.0	40.0	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 20000	53.6	54.9	55.2	55.2	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	53.6	54.9	55.2	55.2	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000	53.6	54.9	55.2	55.2	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000	53.8	55.1	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 12000	54.7	55.9	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 10000	56.5	57.5	58.3	58.4	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 9000	58.7	60.1	60.5	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 8000	60.5	62.1	62.3	63.0	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 7000	62.1	64.1	65.1	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 6000	62.9	64.9	66.0	66.2	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 5000	64.1	66.2	67.3	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4500	66.4	69.8	69.8	70.1	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4000	69.4	71.7	73.0	73.3	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3500	72.3	74.9	76.3	76.6	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3000	77.5	80.3	82.1	82.3	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	81.2	84.6	86.5	86.8	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	83.5	87.3	89.6	90.0	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	84.3	88.2	90.7	91.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1500	85.3	89.8	92.2	92.7	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	86.5	91.4	94.2	94.8	96.1	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	86.5	91.8	94.7	95.4	97.1	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	86.5	91.9	95.1	95.9	97.5	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	86.5	92.0	95.3	96.2	97.9	97.9	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	86.7	92.1	95.4	96.5	98.2	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	86.8	92.2	95.8	96.8	98.6	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	86.8	92.3	95.9	96.9	98.7	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	86.8	92.5	96.0	97.1	98.8	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	86.8	92.5	96.0	97.1	98.8	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	86.8	92.5	96.0	97.1	98.8	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	86.8	92.5	96.0	97.1	98.8	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	86.8	92.5	96.0	97.1	98.8	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000	58.4	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 18000	58.4	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 16000	58.4	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 14000	58.4	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	58.5	59.2	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 10000	60.1	60.7	60.8	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 9000	61.7	62.3	62.4	62.5	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 8000	65.1	65.7	66.0	66.1	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 7000	67.5	68.3	68.8	68.9	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	69.4	69.3	69.7	69.8	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	71.0	71.8	72.3	72.4	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	74.1	74.9	75.5	75.6	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	78.7	79.5	80.2	80.3	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3500	82.0	83.2	84.0	84.1	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	[illegible]	87.9	88.7	88.8	89.3	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	88.1	90.0	91.3	91.5	92.0	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000	89.5	92.1	93.6	93.9	94.3	94.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1800	90.3	92.8	94.3	94.6	95.1	95.2	95.3	95.6	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	90.8	93.5	95.1	95.4	96.0	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	91.2	94.0	95.6	96.2	96.8	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	91.3	94.2	95.9	96.5	97.2	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	91.3	94.2	95.9	96.7	97.2	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	91.3	94.2	96.2	97.2	97.8	98.0	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	91.3	94.3	96.3	97.3	97.9	98.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	91.4	94.5	96.7	97.6	98.2	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	91.8	94.9	97.2	98.1	98.7	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	91.8	94.9	97.2	98.1	98.7	98.9	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	91.8	94.9	97.2	98.1	98.7	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.8	94.9	97.2	98.1	98.7	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.8	94.9	97.2	98.1	98.7	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.8	94.9	97.2	98.1	98.7	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.2	53.5	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	64.7	68.2	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 18000	64.7	68.2	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 16000	64.7	68.2	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 14000	64.7	68.2	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	65.7	69.3	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 10000	66.3	70.6	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 9000	69.0	73.0	73.6	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000	72.0	76.6	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 7000	73.5	78.4	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	74.4	79.5	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 5000	76.8	82.0	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4500	78.0	83.4	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	79.3	84.7	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3500	80.4	85.9	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3000	82.0	87.8	88.5	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500	84.2	90.2	91.2	91.5	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	84.7	91.4	92.5	92.9	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	84.9	91.6	92.7	93.3	93.5	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	85.2	92.1	93.2	93.8	94.0	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	86.1	93.2	94.3	94.9	95.2	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	86.5	93.6	95.1	95.6	95.9	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	86.7	94.0	95.6	96.2	96.5	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	86.7	94.0	95.6	96.2	96.5	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	87.0	94.3	96.2	96.9	97.1	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	87.2	94.5	95.6	97.2	97.4	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	87.3	94.9	97.1	97.8	98.1	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	87.4	95.1	97.2	97.9	98.5	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	87.4	95.1	97.2	97.9	98.6	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.4	95.1	97.2	97.9	98.6	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.4	95.1	97.2	97.9	98.6	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.4	95.1	97.2	97.9	98.6	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.5	57.9	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 20000	66.9	68.1	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 18000	66.9	68.1	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 16000	66.9	68.1	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 14000	66.9	68.1	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 12000	67.6	69.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	69.3	70.7	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	70.7	72.1	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 8000	73.0	74.4	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	74.4	76.0	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 6000	75.0	76.6	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 5000	76.2	77.7	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	77.1	78.7	80.3	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4000	78.3	79.9	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	80.0	81.5	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	81.2	82.8	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2500	83.6	85.3	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	85.0	86.7	88.6	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	85.3	86.9	88.8	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	86.6	88.3	90.3	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200	88.3	90.1	92.2	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	89.6	91.6	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	90.0	92.1	94.2	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	90.3	92.5	94.6	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	90.3	92.5	94.8	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	90.5	92.7	95.2	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	90.5	92.8	96.0	96.5	97.1	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	90.6	92.9	96.6	97.3	98.0	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	90.6	92.9	96.6	97.8	98.1	98.4	98.5	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	90.6	92.9	96.6	97.8	98.1	98.4	98.5	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.4	99.4
GE 100	90.6	92.9	96.6	97.8	98.1	98.4	98.5	98.8	98.8	99.1	99.2	99.2	99.5	99.5	99.6	99.6
GE 000	90.6	92.9	96.6	97.8	98.1	98.4	98.5	98.8	98.8	99.1	99.2	99.2	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	46.5	48.5	49.2	49.8	49.8	50.0	50.0	50.1	50.1	50.2	50.2	50.3	50.3	50.4	50.5
GE 20000	53.2	57.0	59.1	59.9	60.6	60.6	60.8	60.9	60.9	61.0	61.1	61.1	61.2	61.2	61.3	61.4
GE 18000	53.2	57.0	59.1	59.9	60.6	60.6	60.8	60.9	60.9	61.0	61.1	61.1	61.2	61.2	61.3	61.4
GE 16000	53.2	57.0	59.1	59.9	60.6	60.6	60.8	60.9	60.9	61.0	61.1	61.1	61.2	61.2	61.3	61.4
GE 14000	53.3	57.0	59.2	59.9	60.6	60.6	60.9	60.9	60.9	61.0	61.1	61.1	61.2	61.2	61.4	61.5
GE 12000	54.0	57.8	60.0	60.7	61.4	61.5	61.7	61.7	61.8	61.9	61.9	61.9	62.0	62.0	62.2	62.3
GE 10000	55.4	59.3	61.5	62.3	63.0	63.1	63.3	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.8	63.9
GE 9000	57.0	61.0	63.2	64.0	64.5	64.8	65.0	65.1	65.1	65.2	65.3	65.3	65.4	65.4	65.6	65.7
GE 8000	59.5	63.7	66.1	66.9	67.7	67.8	68.0	68.1	68.1	68.2	68.3	68.3	68.4	68.4	68.5	68.6
GE 7000	61.1	65.5	68.1	69.0	69.8	69.9	70.2	70.3	70.3	70.4	70.5	70.5	70.6	70.6	70.7	70.8
GE 6000	61.7	66.1	69.7	69.7	70.5	70.6	70.8	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.3	71.4
GE 5000	63.0	67.6	70.3	71.2	72.0	72.1	72.3	72.4	72.5	72.6	72.6	72.6	72.7	72.7	72.9	73.0
GE 4500	64.3	69.1	71.8	72.9	73.7	73.9	74.1	74.2	74.2	74.3	74.4	74.4	74.5	74.5	74.6	74.7
GE 4000	66.3	71.2	74.0	75.1	76.0	76.1	76.3	76.4	76.4	76.5	76.6	76.6	76.7	76.7	76.9	77.0
GE 3500	67.9	72.9	75.8	76.9	77.8	77.9	78.2	78.3	78.3	78.4	78.5	78.5	78.6	78.6	78.8	78.8
GE 3000	70.3	75.5	78.6	79.7	80.8	80.9	81.2	81.3	81.3	81.4	81.5	81.5	81.6	81.6	81.7	81.8
GE 2500	72.2	77.7	80.9	82.0	83.1	83.2	83.5	83.6	83.7	83.8	83.8	83.8	84.0	84.0	84.1	84.2
GE 2000	73.4	79.3	82.7	84.0	85.1	85.3	85.6	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.2	86.3
GE 1800	74.0	79.9	83.5	84.8	85.9	86.0	86.4	86.5	86.5	86.7	86.7	86.7	86.8	86.8	87.0	87.1
GE 1500	75.0	81.1	84.8	86.3	87.5	87.6	88.0	88.1	88.1	88.2	88.3	88.3	88.4	88.4	88.6	88.7
GE 1200	76.0	82.2	86.3	87.8	89.0	89.2	89.6	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.2	90.3
GE 1000	76.5	82.9	87.1	88.6	89.9	90.2	90.6	90.8	90.8	90.9	91.0	91.0	91.1	91.1	91.3	91.4
GE 900	76.8	83.4	87.6	89.3	90.6	90.9	91.5	91.7	91.7	91.8	91.9	91.9	92.0	92.0	92.2	92.3
GE 800	77.1	83.7	88.1	89.8	91.3	91.6	92.3	92.5	92.5	92.7	92.8	92.8	92.9	92.9	93.1	93.2
GE 700	77.2	83.9	88.4	90.2	91.8	92.0	92.9	93.1	93.1	93.3	93.4	93.4	93.5	93.5	93.7	93.8
GE 600	77.4	84.1	88.9	90.7	92.3	92.6	93.6	93.7	93.8	94.0	94.1	94.1	94.2	94.2	94.3	94.4
GE 500	77.5	84.4	89.3	91.3	93.1	93.5	94.7	95.0	95.0	95.3	95.4	95.4	95.5	95.5	95.7	95.8
GE 400	77.5	84.5	89.5	91.6	93.6	94.0	95.5	95.7	95.8	96.2	96.3	96.3	96.4	96.4	96.6	96.7
GE 300	77.5	84.5	89.5	91.8	93.6	94.3	95.7	96.2	96.2	96.8	97.0	97.0	97.1	97.1	97.4	97.5
GE 200	77.5	84.5	89.5	91.8	93.9	94.3	95.8	96.4	96.5	97.2	97.5	97.5	97.9	97.9	98.2	98.3
GE 100	77.5	84.5	89.5	91.8	93.9	94.3	95.8	96.5	96.6	97.4	97.6	97.6	98.2	98.2	98.8	99.1
GE 000	77.5	84.5	89.5	91.8	93.9	94.3	95.8	96.5	96.6	97.4	97.7	97.7	98.3	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.9	60.9	61.9	63.1	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.3	64.4
GE 20000	59.7	68.3	69.7	71.1	71.5	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.3	72.4
GE 18000	59.7	68.3	69.7	71.1	71.5	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.3	72.4
GE 16000	59.7	68.3	69.7	71.1	71.5	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.3	72.4
GE 14000	59.7	68.3	69.7	71.1	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.3	72.4
GE 12000	59.9	68.7	70.1	71.5	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.7	72.8
GE 10000	60.9	69.8	71.2	72.6	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.8	73.9
GE 9000	62.3	71.2	72.7	74.1	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.3	75.4
GE 8000	63.5	73.0	74.5	76.1	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.4	77.5
GE 7000	65.2	75.2	77.1	78.7	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	80.0	80.1
GE 6000	65.7	75.8	77.7	79.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.9	81.0
GE 5000	67.5	77.8	80.0	81.6	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.1	83.2
GE 4500	67.5	78.3	80.4	82.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.5	83.7
GE 4000	69.0	79.3	82.0	83.7	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.3	85.4
GE 3500	70.4	81.3	83.7	85.3	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.9	87.0
GE 3000	71.4	82.5	85.3	86.9	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.5	88.6
GE 2500	72.6	83.9	86.9	88.5	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.2	90.3
GE 2000	73.2	84.6	87.7	89.5	90.6	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.3	91.4
GE 1800	74.3	85.8	88.9	90.8	91.8	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.5	92.6
GE 1500	74.9	86.8	90.0	91.8	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.5	93.7
GE 1200	75.7	87.5	90.9	92.8	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.5	94.6
GE 1000	76.5	88.3	91.6	93.5	94.5	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.4	95.5
GE 900	76.6	88.4	91.9	93.9	95.2	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.9	96.0
GE 800	77.1	89.1	93.1	95.3	95.7	96.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.6	97.7
GE 700	77.3	89.7	93.9	96.0	97.4	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.5	98.6
GE 600	77.6	90.0	94.4	96.6	98.0	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.1
GE 500	77.7	90.1	94.5	96.9	98.3	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.5
GE 400	77.7	90.1	94.5	96.9	98.3	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.6
GE 300	77.7	90.1	94.5	96.9	98.3	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.9
GE 200	77.7	90.1	94.5	96.9	98.3	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.9
GE 100	77.7	90.1	94.5	96.9	98.3	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	77.7	90.1	94.5	96.9	98.3	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 76 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.2	50.5	55.3	57.7	59.0	59.0	59.5	59.7	59.7	60.1	60.2	60.2	60.3	60.3	60.3	60.8
GE 20000	54.3	58.3	63.5	66.5	68.2	68.2	68.6	68.8	68.8	69.2	69.4	69.4	69.5	69.5	69.5	69.9
GE 18000	54.3	58.3	63.5	66.5	68.2	68.2	68.6	68.8	68.8	69.2	69.4	69.4	69.5	69.5	69.5	69.9
GE 16000	54.3	58.3	63.5	66.5	68.2	68.2	68.6	68.8	68.8	69.2	69.4	69.4	69.5	69.5	69.5	69.9
GE 14000	54.3	58.3	63.5	66.5	68.2	68.2	68.6	68.8	68.8	69.2	69.4	69.4	69.5	69.5	69.5	69.9
GE 12000	54.3	58.3	63.5	66.5	68.2	68.2	68.6	68.8	68.8	69.2	69.4	69.4	69.5	69.5	69.5	69.9
GE 10000	55.4	59.4	64.5	67.5	69.4	69.4	69.8	70.0	70.0	70.4	70.5	70.5	70.6	70.6	70.6	71.1
GE 9000	56.5	60.5	65.5	68.7	70.5	70.5	71.0	71.2	71.2	71.6	71.7	71.7	71.8	71.8	71.8	72.3
GE 8000	57.6	61.5	67.2	70.2	72.0	72.0	72.5	72.7	72.7	73.1	73.2	73.2	73.3	73.3	73.3	73.8
GE 7000	59.7	64.2	69.6	72.8	74.6	74.6	75.1	75.3	75.3	75.7	75.8	75.8	75.9	75.9	75.9	76.3
GE 6000	60.0	64.6	70.4	73.4	75.3	75.3	75.7	75.9	75.9	76.3	76.5	76.5	76.6	76.6	76.6	77.0
GE 5000	62.5	66.[illegible]	72.6	75.7	77.5	77.5	78.0	78.2	78.2	78.6	78.7	78.7	78.8	78.8	78.8	79.2
GE 4500	62.7	67.4	73.2	76.6	78.4	78.4	79.0	79.0	79.0	79.5	79.6	79.6	79.7	79.7	79.7	80.1
GE 4000	64.2	69.2	75.1	78.6	80.4	80.4	81.0	81.2	81.2	81.7	81.8	81.8	81.9	81.9	81.9	82.4
GE 3500	65.1	70.2	76.2	79.8	81.6	81.6	82.2	82.4	82.4	82.9	83.0	83.0	83.1	83.1	83.1	83.5
GE 3000	66.1	71.3	77.7	81.2	83.1	83.1	83.7	83.9	83.9	84.4	84.5	84.5	84.6	84.6	84.6	85.1
GE 2500	67.3	72.5	79.2	83.7	85.6	85.6	86.1	86.3	86.3	86.9	87.0	87.0	87.1	87.1	87.1	87.5
GE 2000	67.5	73.4	80.2	84.6	86.6	86.6	87.5	87.5	87.5	88.1	88.2	88.2	88.3	88.3	88.3	88.7
GE 1800	67.5	73.9	80.3	85.4	87.3	87.3	87.8	88.1	88.1	88.6	88.7	88.7	88.8	88.8	88.8	89.2
GE 1500	68.3	74.4	81.4	86.0	88.0	88.0	88.5	88.7	88.7	89.2	89.4	89.4	89.5	89.5	89.5	89.9
GE 1200	70.5	76.2	83.2	88.1	90.0	90.0	90.5	90.3	90.3	91.3	91.4	91.4	91.5	91.5	91.5	91.9
GE 1000	71.4	77.1	84.1	89.2	91.2	91.2	91.8	92.3	92.0	92.6	92.7	92.7	92.9	92.9	92.9	93.3
GE 900	72.2	78.0	84.9	90.2	92.4	92.4	93.0	93.2	93.2	93.8	93.9	93.9	94.1	94.1	94.1	94.5
GE 800	72.4	78.2	85.3	90.8	93.1	93.1	94.1	94.3	94.3	94.8	94.9	94.9	95.2	95.2	95.2	95.6
GE 700	73.1	79.2	86.3	91.8	94.3	94.3	95.3	95.5	95.5	96.0	96.1	96.1	96.3	96.3	96.3	96.8
GE 600	73.5	79.7	86.8	92.4	94.8	94.8	95.8	96.0	96.0	96.5	96.7	96.7	96.9	96.9	96.9	97.3
GE 500	73.8	80.0	87.2	92.8	95.4	95.4	96.4	96.7	96.9	97.5	97.6	97.6	97.8	97.8	97.8	98.3
GE 400	74.0	80.2	87.4	93.0	95.6	95.6	96.8	97.1	97.1	97.8	98.0	98.0	98.2	98.2	98.2	98.6
GE 300	74.0	80.2	87.4	93.0	95.7	95.9	97.0	97.2	97.2	98.0	98.1	98.1	98.4	98.4	98.4	98.8
GE 200	74.0	80.2	87.4	93.0	95.7	95.9	97.0	97.3	97.3	98.1	98.2	98.2	98.5	98.5	98.5	98.9
GE 100	74.1	80.3	87.5	93.1	95.8	96.0	97.1	97.4	97.4	98.2	98.3	98.3	98.6	98.6	98.7	99.1
GE 000	74.1	80.3	87.5	93.1	95.8	96.0	97.1	97.4	97.4	98.2	98.3	98.3	98.7	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 336

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722053 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 76 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.2	42.6	47.3	49.6	51.3	51.9	53.4	54.1	54.2	54.7	54.9	54.9	55.4	55.4	55.8	56.2
GE 20000	41.7	49.4	54.6	57.0	59.6	60.0	61.7	62.4	62.5	63.0	63.2	63.2	63.7	63.7	64.1	64.5
GE 18000	41.7	49.4	54.6	57.0	59.8	60.0	61.7	62.4	62.5	63.0	63.2	63.2	63.7	63.7	64.1	64.5
GE 16000	41.7	49.4	54.6	57.0	59.8	60.0	61.7	62.4	62.5	63.0	63.2	63.2	63.7	63.7	64.1	64.5
GE 14000	41.8	49.5	54.7	57.1	59.9	60.1	61.8	62.5	62.6	63.1	63.3	63.3	63.8	63.8	64.2	64.6
GE 12000	41.9	49.6	54.9	57.3	60.1	60.3	62.2	62.9	63.0	63.5	63.8	63.8	64.2	64.2	64.6	65.1
GE 10000	44.0	52.0	57.5	59.9	62.7	62.9	64.7	65.5	65.6	66.1	66.3	66.3	66.8	66.8	67.2	67.6
GE 9000	45.3	53.7	59.1	61.6	64.3	64.5	66.3	67.1	67.2	67.7	68.0	68.0	68.4	68.4	68.8	69.2
GE 8000	46.3	54.[illegible]	60.4	62.9	65.9	66.1	[illegible]	[illegible]	68.9	69.5	69.7	69.7	70.1	70.1	70.5	71.0
GE 7000	47.4	56.7	63.0	65.7	68.8	69.1	71.0	71.8	71.9	72.5	72.7	72.7	73.1	73.1	73.5	74.0
GE 6000	48.0	57.2	63.5	66.2	69.4	69.8	71.6	72.5	72.6	73.1	73.3	73.3	73.8	73.8	74.2	74.6
GE 5000	49.6	59.1	65.7	68.4	71.5	71.9	73.[illegible]	74.6	74.7	75.4	75.6	75.6	76.0	76.0	76.5	76.9
GE 4500	50.2	60.0	66.[illegible]	69.7	72.[illegible]	73.2	75.1	75.9	76.0	76.7	76.9	76.9	77.3	77.3	77.7	78.2
GE 4000	50.[illegible]	60.6	67.3	70.4	73.5	74.0	75.[illegible]	76.7	76.[illegible]	77.5	77.7	77.7	78.2	78.2	78.7	79.1
GE 3500	52.0	62.2	68.9	72.2	75.5	75.9	77.7	78.6	78.7	79.5	79.7	79.7	80.1	80.1	80.6	81.1
GE 3000	53.0	63.5	70.3	73.9	77.3	77.7	79.7	80.5	80.6	81.4	81.6	81.6	82.0	82.0	82.6	83.0
GE 2500	53.9	64.7	72.0	75.7	79.1	79.6	81.[illegible]	82.4	82.5	83.2	83.4	83.4	83.9	83.9	84.4	84.8
GE 2000	54.6	65.6	72.9	76.6	80.1	80.6	82.6	83.4	83.5	84.3	84.5	84.5	84.9	84.9	85.5	85.9
GE 1800	54.7	65.9	73.2	76.9	80.4	81.0	82.9	83.6	83.8	84.6	84.8	84.8	85.3	85.3	85.8	86.2
GE 1500	56.0	67.6	75.2	78.9	82.5	83.0	84.9	85.8	85.9	86.7	86.9	86.9	87.3	87.3	87.8	88.3
GE 1200	57.2	69.2	76.6	80.4	84.3	84.9	86.9	87.7	87.8	88.6	88.8	88.8	89.2	89.2	89.8	90.2
GE 1000	57.7	69.4	77.3	81.3	84.9	85.7	87.6	[illegible]	88.5	89.4	89.6	89.6	90.0	90.0	90.5	91.0
GE 900	58.1	70.2	78.0	82.3	85.1	86.7	[illegible]	89.7	89.8	90.5	90.8	90.8	91.2	91.2	91.7	92.2
GE 800	58.5	71.1	78.6	83.1	87.2	88.1	90.1	91.0	91.1	91.8	92.0	92.0	92.5	92.5	93.0	93.4
GE 700	59.4	71.7	79.6	83.9	88.1	88.9	91.1	91.9	92.0	92.8	93.0	93.0	93.4	93.4	94.0	94.4
GE 600	59.3	72.3	80.1	84.5	88.7	89.5	91.7	92.6	92.7	93.4	93.7	93.7	94.1	94.1	94.6	95.1
GE 500	59.8	72.4	80.3	84.8	89.5	90.3	92.6	93.4	93.5	94.3	94.5	94.5	94.9	94.9	95.5	95.9
GE 400	59.8	72.4	80.3	84.8	89.7	90.5	93.4	94.3	94.4	95.3	95.5	95.5	95.9	95.9	96.5	96.9
GE 300	59.8	72.4	80.3	84.8	89.[illegible]	90.9	93.9	94.7	95.1	96.0	96.2	96.2	96.8	96.8	97.3	97.7
GE 200	59.8	72.4	80.3	84.8	89.9	91.0	94.0	95.3	95.3	96.3	96.7	96.7	97.2	97.2	97.7	98.2
GE 100	59.8	72.4	80.3	84.8	89.9	91.0	94.0	95.3	95.3	96.3	96.8	96.8	97.6	97.6	98.2	98.8
GE 000	59.8	72.4	80.3	84.8	89.9	91.0	94.0	95.3	95.3	96.3	96.8	96.8	97.6	97.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.7	51.0	52.0	52.6	52.6	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1
GE 20000	57.6	60.1	61.7	62.5	62.6	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
GE 18000	57.6	60.3	61.9	62.7	62.8	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
GE 16000	57.6	60.3	61.9	62.7	62.8	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
GE 14000	57.8	60.3	61.9	62.7	62.8	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
GE 12000	58.5	61.0	62.7	63.4	63.5	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1
GE 10000	60.2	62.5	64.5	65.3	65.6	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1
GE 9000	61.4	64.1	66.2	67.1	67.3	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8
GE 8000	62.5	65.3	67.4	68.3	68.5	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
GE 7000	64.8	67.6	69.8	70.8	71.1	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
GE 6000	65.3	68.1	70.3	71.2	71.5	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
GE 5000	66.8	69.7	72.3	73.5	73.7	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
GE 4500	68.6	71.0	73.5	74.5	74.8	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
GE 4000	69.2	72.3	74.8	75.8	76.2	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
GE 3500	71.2	74.3	77.1	78.4	78.7	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4
GE 3000	74.3	77.5	80.3	81.6	81.9	82.0	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7
GE 2500	77.3	80.2	83.3	84.7	85.3	85.4	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1
GE 2000	78.8	81.7	84.8	86.2	86.9	87.0	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.7
GE 1800	79.7	83.1	86.3	87.7	88.4	88.5	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2
GE 1500	81.0	85.6	88.7	90.1	90.8	90.9	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6
GE 1200	84.1	87.7	91.1	92.8	93.4	93.5	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.4
GE 1000	84.5	88.2	91.5	93.3	94.0	94.1	94.5	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.9
GE 900	84.8	88.7	92.3	94.0	94.6	94.7	95.3	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.7
GE 800	85.1	89.4	93.3	95.2	95.8	96.0	96.5	96.7	96.7	96.8	96.9	96.9	96.9	96.9	97.0
GE 700	85.3	89.6	93.9	95.8	96.6	96.7	97.4	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.8
GE 600	85.3	89.6	94.2	96.2	97.3	97.3	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.6
GE 500	85.3	89.6	94.1	96.3	97.2	97.6	98.5	98.6	98.6	98.8	98.9	98.9	98.9	98.9	99.0
GE 400	85.4	89.7	94.2	96.5	97.5	98.0	99.1	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.7
GE 300	85.4	89.7	94.2	96.5	97.5	98.0	99.1	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.8
GE 200	85.4	89.7	94.2	96.5	97.5	98.0	99.1	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.9
GE 100	85.4	89.7	94.2	96.5	97.5	98.0	99.1	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.9
GE 000	85.4	89.7	94.2	96.5	97.5	98.0	99.1	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.9 100.0

TOTAL NUMBER OF [illegible] VARIA[illegible] 336

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.8	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	59.7	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000	59.7	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 16000	59.7	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 14000	59.8	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 12000	60.6	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 10000	62.4	65.6	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 9000	63.3	66.6	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 8000	65.7	69.0	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 7000	66.7	70.0	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 6000	66.7	70.0	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 5000	68.4	71.8	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4500	70.4	73.9	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4000	74.3	77.8	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 3500	79.7	83.3	84.6	84.7	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	83.5	87.3	88.7	88.8	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	87.1	91.5	93.1	93.3	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	88.3	92.7	94.5	94.8	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	88.6	93.1	94.9	95.3	95.7	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	89.4	94.0	95.8	96.1	96.6	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	89.7	94.3	96.1	96.5	96.9	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	89.7	94.3	96.1	96.5	96.9	97.2	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	89.8	94.4	96.2	96.7	97.1	97.5	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	90.1	94.8	96.7	97.1	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	90.1	94.8	96.7	97.1	97.5	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	90.1	94.9	96.8	97.2	97.6	98.2	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	90.1	94.9	96.9	97.4	97.8	98.4	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	90.1	94.9	96.9	97.4	97.8	98.4	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	90.1	94.9	96.9	97.4	98.0	98.6	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.1	94.9	96.9	97.4	98.0	98.6	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.1	94.9	96.9	97.4	98.0	98.6	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.1	94.9	96.9	97.4	98.0	98.6	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 20000	66.5	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	66.6	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	66.6	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	66.6	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	68.1	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 10000	71.1	71.5	71.6	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 9000	72.5	72.9	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 8000	74.4	74.9	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 7000	75.4	76.0	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 6000	75.5	76.1	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 5000	77.4	78.1	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4500	79.9	80.6	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000	84.1	84.8	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	89.1	89.9	90.5	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	91.7	92.6	93.2	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	93.2	94.2	94.8	95.6	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	93.7	94.7	95.4	96.2	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	93.7	94.7	95.5	96.3	96.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	94.2	95.3	96.0	97.0	97.3	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	94.4	95.5	96.2	97.2	97.6	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	94.4	95.5	96.2	97.2	97.7	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	94.4	95.5	96.2	97.3	97.8	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	94.4	95.5	96.2	97.3	97.8	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	94.4	95.5	96.2	97.3	98.0	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	94.4	95.6	96.3	97.6	98.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	94.4	95.6	96.3	97.6	98.3	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	94.4	95.6	96.3	97.8	98.5	98.9	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	94.4	95.6	96.3	97.8	98.5	98.9	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.4	95.6	96.3	97.8	98.5	98.9	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.4	95.6	96.3	97.8	98.5	98.9	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.4	95.6	96.3	97.8	98.5	98.9	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.3	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 20000	69.9	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 18000	69.9	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	69.9	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	70.1	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 12000	70.8	74.5	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 10000	73.5	77.5	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 9000	75.7	79.9	80.4	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 8000	77.6	82.0	82.6	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 7000	78.8	83.2	83.8	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 6000	79.2	83.8	84.3	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 5000	81.4	86.0	86.6	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4500	82.8	87.5	88.1	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4000	84.8	89.9	90.4	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	86.1	91.4	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	87.3	92.7	93.4	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	88.2	93.9	94.8	95.3	95.7	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	88.6	94.4	95.4	95.8	96.2	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	88.9	94.7	95.7	96.1	96.5	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	89.0	94.8	95.8	96.2	96.7	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	89.5	95.3	96.3	96.8	97.3	97.3	97.5	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	89.5	95.4	96.5	96.9	97.4	97.4	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	89.5	95.4	96.5	96.9	97.4	97.4	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	89.6	95.5	96.6	97.0	97.5	97.6	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	89.6	95.5	96.6	97.0	97.5	97.6	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	89.6	95.5	96.6	97.0	97.5	97.6	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	89.6	95.5	96.7	97.1	97.6	97.7	98.6	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	89.7	95.7	96.9	97.3	97.8	98.0	98.8	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	89.7	95.7	96.9	97.3	97.8	98.0	98.8	99.6	99.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	89.7	95.7	96.9	97.3	97.8	98.0	98.8	99.6	99.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	89.7	95.7	96.9	97.3	97.8	98.0	98.8	99.6	99.6	99.3	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	89.7	95.7	96.9	97.3	97.8	98.0	98.8	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.4	64.1	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 20000	73.1	74.0	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	73.1	74.0	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	73.1	74.0	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 14000	73.1	74.0	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 12000	73.7	74.5	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 10000	75.6	76.5	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 9000	77.7	78.7	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 8000	78.6	79.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	79.9	81.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 6000	80.0	81.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 5000	81.7	83.3	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	83.2	84.8	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000	84.4	86.1	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	86.0	87.8	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	88.0	89.8	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	89.5	91.3	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	90.0	91.8	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	90.3	92.2	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	90.8	92.6	94.8	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	91.2	93.0	95.5	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	91.3	93.2	95.7	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	91.4	93.3	95.8	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	91.8	93.8	96.2	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	92.0	94.1	96.7	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	92.2	94.2	97.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	92.6	94.6	97.5	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	92.7	94.7	97.7	98.5	99.1	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	92.9	94.9	98.0	99.0	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.9	94.9	98.0	99.0	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.9	94.9	98.0	99.0	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.9	94.9	98.0	99.0	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.2	53.2	54.7	55.6	56.1	56.1	56.4	56.5	56.5	56.7	56.7	56.7	56.8	56.8	56.9	57.0
GE 20000	60.3	64.1	65.9	66.9	67.6	67.6	67.9	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.4	68.5
GE 18000	60.3	64.1	66.0	66.9	67.6	67.6	68.0	68.1	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.6
GE 16000	60.3	64.1	66.0	66.9	67.6	67.6	68.0	68.1	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.6
GE 14000	60.4	64.2	66.0	67.0	67.7	67.7	68.1	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.5	68.6
GE 12000	61.0	64.8	66.7	67.6	68.3	68.4	68.7	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.2	69.3
GE 10000	62.9	66.9	68.8	69.9	70.6	70.6	71.0	71.1	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.6
GE 9000	64.3	68.5	70.5	71.5	72.3	72.3	72.7	72.8	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.3
GE 8000	65.8	70.1	72.3	73.4	74.1	74.2	74.5	74.7	74.7	74.8	74.9	74.9	74.9	74.9	75.0	75.1
GE 7000	67.2	71.8	74.1	75.2	76.0	76.1	76.5	76.6	76.6	76.7	76.8	76.8	76.9	76.9	76.9	77.1
GE 6000	67.5	72.1	74.5	75.6	76.5	76.5	76.9	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.4	77.5
GE 5000	69.3	74.1	76.6	77.8	78.6	78.7	79.1	79.2	79.2	79.4	79.4	79.4	79.5	79.5	79.6	79.7
GE 4500	70.6	75.4	78.0	79.3	80.1	80.2	80.6	80.7	80.7	80.9	80.9	80.9	81.0	81.0	81.1	81.2
GE 4000	72.6	77.6	80.2	81.5	82.4	82.5	82.8	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.4	83.5
GE 3500	75.0	80.1	82.8	84.2	85.1	85.2	85.6	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.1	86.2
GE 3000	76.9	82.2	85.0	86.5	87.4	87.5	87.9	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.4	88.6
GE 2500	78.6	84.0	87.2	88.3	89.3	89.9	90.4	90.6	90.6	90.8	90.8	90.8	90.9	90.9	91.0	91.1
GE 2000	79.3	84.9	88.1	89.8	90.8	91.0	91.5	91.6	91.6	91.8	91.9	91.9	91.9	91.9	92.0	92.2
GE 1800	79.8	85.4	88.7	90.4	91.5	91.6	92.1	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.7	92.8
GE 1500	80.6	86.4	89.7	91.5	92.5	92.7	93.2	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.8	93.9
GE 1200	81.5	87.4	90.8	92.6	93.7	93.9	94.4	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.1	95.2
GE 1000	81.9	87.7	91.1	93.1	94.2	94.4	94.9	95.2	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.8
GE 900	82.1	88.0	91.5	93.5	94.7	94.9	95.5	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.2	96.3
GE 800	82.4	88.4	92.0	94.1	95.4	95.6	96.3	96.6	96.6	96.8	96.8	96.8	96.9	96.9	97.0	97.1
GE 700	82.6	88.8	92.5	94.6	95.9	96.2	96.9	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.6	97.7
GE 600	82.8	89.0	92.7	94.9	96.3	96.5	97.3	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.2
GE 500	82.9	89.1	93.0	95.2	96.6	97.0	97.8	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.7	98.8
GE 400	83.0	89.2	93.1	95.3	96.8	97.2	98.2	98.5	98.5	98.8	98.9	98.9	99.0	99.0	99.1	99.2
GE 300	83.0	89.2	93.1	95.4	96.9	97.2	98.3	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.4	99.5
GE 200	83.0	89.2	93.1	95.4	96.9	97.3	98.4	98.8	98.8	99.2	99.2	99.2	99.4	99.4	99.5	99.6
GE 100	83.0	89.2	93.1	95.4	96.9	97.3	98.4	98.8	98.8	99.2	99.3	99.3	99.5	99.5	99.6	99.7
GE 000	83.0	89.2	93.1	95.4	96.9	97.3	98.4	98.8	98.8	99.2	99.3	99.3	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.9	69.8	71.1	71.8	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
GE 20000	68.7	79.3	81.0	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2
GE 18000	68.7	79.3	81.0	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2
GE 16000	68.7	79.3	81.0	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2
GE 14000	68.7	79.4	81.1	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
GE 12000	69.1	80.1	81.9	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.2
GE 10000	70.1	81.1	82.9	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.2
GE 9000	70.8	81.9	83.7	84.4	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	85.1	85.2
GE 8000	71.2	82.7	84.4	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.9	86.0
GE 7000	71.9	83.7	85.6	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	87.0	87.1
GE 6000	72.2	84.0	85.9	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.3	87.4
GE 5000	72.9	84.9	86.3	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.2	88.3
GE 4500	73.7	85.8	87.7	88.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.2	89.3
GE 4000	74.0	86.3	88.3	89.2	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.9	90.0
GE 3500	74.8	87.2	89.3	90.2	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.9	91.0
GE 3000	75.6	88.2	90.4	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	92.0	92.1
GE 2500	76.2	89.1	91.6	92.4	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9	93.1	93.2
GE 2000	76.7	89.7	92.3	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.9	94.0
GE 1800	77.2	90.2	92.9	93.8	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.6	94.7
GE 1500	78.0	91.0	94.0	95.0	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.8	95.9
GE 1200	78.4	91.7	94.9	96.1	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.9	97.0
GE 1000	78.6	92.0	95.6	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.7	97.8
GE 900	79.1	92.6	96.1	97.4	97.7	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.1	98.1	98.3	98.4
GE 800	79.2	92.7	96.2	97.6	97.8	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.4	98.6
GE 700	79.2	92.8	96.3	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.6	98.7
GE 600	79.6	93.1	96.7	98.0	98.3	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.8	98.8	99.0	99.1
GE 500	79.6	93.1	96.8	98.3	98.7	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.3	99.4
GE 400	79.6	93.1	96.8	98.3	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.4	99.6
GE 300	79.6	93.1	96.8	98.3	98.9	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.7	99.8
GE 200	79.6	93.1	96.8	98.3	98.9	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.8	99.9
GE 100	79.6	93.1	96.8	98.3	98.9	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.9	100.0
GE 000	79.6	93.1	96.8	98.3	98.9	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.8	60.8	66.8	69.1	70.2	70.2	70.7	70.8	70.8	71.0	71.0	71.0	71.2	71.2	71.2	71.8
GE 20000	63.4	67.3	74.7	77.2	78.3	78.3	78.8	78.9	78.9	79.1	79.1	79.1	79.3	79.3	79.3	79.9
GE 18000	63.4	67.3	74.7	77.2	78.3	78.3	78.8	78.9	78.9	79.1	79.1	79.1	79.3	79.3	79.3	79.9
GE 16000	63.4	67.3	74.7	77.2	78.3	78.3	78.8	78.9	78.9	79.1	79.1	79.1	79.3	79.3	79.3	79.9
GE 14000	63.7	67.6	74.9	77.4	78.6	78.6	79.0	79.1	79.1	79.3	79.3	79.3	79.6	79.6	79.6	80.1
GE 12000	64.1	68.0	75.6	78.1	79.2	79.2	79.7	79.8	79.8	80.0	80.0	80.0	80.2	80.2	80.2	80.8
GE 10000	65.3	69.2	76.9	79.4	80.6	80.6	81.0	81.1	81.1	81.3	81.3	81.3	81.6	81.6	81.6	82.1
GE 9000	65.4	69.4	77.1	79.7	80.8	80.8	81.2	81.3	81.3	81.6	81.6	81.6	81.8	81.8	81.9	82.4
GE 8000	66.3	70.3	78.0	80.6	81.7	81.7	82.1	82.2	82.2	82.4	82.4	82.4	82.7	82.7	82.8	83.3
GE 7000	67.6	71.7	79.3	82.0	83.1	83.1	83.6	83.7	83.7	83.9	83.9	83.9	84.1	84.1	84.2	84.8
GE 6000	67.7	71.8	79.4	82.1	83.2	83.2	83.7	83.8	83.8	84.0	84.0	84.0	84.2	84.2	84.3	84.9
GE 5000	68.8	72.9	80.6	83.2	84.3	84.3	84.8	84.9	84.9	85.1	85.1	85.1	85.3	85.3	85.4	86.0
GE 4500	69.2	73.3	81.1	83.8	84.9	84.9	85.3	85.4	85.4	85.7	85.7	85.7	85.9	85.9	86.0	86.6
GE 4000	70.3	74.4	82.3	85.2	86.3	86.3	86.8	86.9	86.9	87.1	87.1	87.1	87.3	87.3	87.4	88.0
GE 3500	71.1	75.3	83.2	86.2	87.4	87.4	87.9	88.0	88.0	88.2	88.2	88.2	88.4	88.4	88.6	89.1
GE 3000	71.9	76.1	84.2	87.3	88.6	88.6	89.0	89.2	89.2	89.4	89.4	89.4	89.7	89.7	89.8	90.3
GE 2500	72.6	76.8	85.6	88.8	90.0	90.0	90.4	90.7	90.7	90.9	90.9	90.9	91.1	91.1	91.2	91.8
GE 2000	72.9	77.1	85.9	89.1	90.3	90.3	90.8	91.0	91.0	91.2	91.2	91.2	91.4	91.4	91.6	92.1
GE 1800	73.0	77.2	86.0	89.2	90.4	90.4	90.9	91.1	91.1	91.3	91.3	91.3	91.6	91.6	91.7	92.2
GE 1500	73.6	77.9	86.8	90.1	91.3	91.3	91.8	92.0	92.0	92.2	92.2	92.2	92.4	92.4	92.6	93.1
GE 1200	74.2	78.9	87.9	91.8	93.0	93.0	93.4	93.7	93.7	93.9	93.9	93.9	94.1	94.1	94.2	94.8
GE 1000	75.1	80.0	89.1	93.3	94.6	94.6	95.1	95.3	95.3	95.6	95.6	95.6	95.8	95.8	95.9	96.4
GE 900	75.3	80.2	89.3	93.6	94.8	94.8	95.4	95.7	95.7	95.9	95.9	95.9	96.1	96.1	96.2	96.8
GE 800	75.3	80.2	89.4	93.7	94.9	94.9	95.5	95.8	95.8	96.0	96.0	96.0	96.2	96.2	96.3	96.9
GE 700	75.4	80.3	89.6	93.8	95.0	95.0	95.8	96.0	96.0	96.2	96.2	96.2	96.4	96.4	96.6	97.1
GE 600	75.7	80.7	90.0	94.2	95.4	95.4	96.2	96.4	96.4	96.7	96.7	96.7	96.9	96.9	97.0	97.6
GE 500	75.7	80.7	90.1	94.8	96.0	96.0	97.1	97.4	97.4	97.7	97.7	97.7	97.9	97.9	98.0	98.6
GE 400	76.0	81.0	90.4	95.1	96.4	96.4	97.7	98.0	98.0	98.3	98.3	98.3	98.6	98.6	98.7	99.2
GE 300	76.0	81.0	90.4	95.1	96.4	96.4	97.7	98.0	98.0	98.3	98.3	98.3	98.7	98.7	98.8	99.3
GE 200	76.0	81.0	90.4	95.1	96.4	96.4	97.7	98.0	98.0	98.3	98.3	98.3	98.7	98.7	98.8	99.4
GE 100	76.0	81.0	90.4	95.1	96.4	96.4	97.7	98.0	98.0	98.3	98.3	98.3	98.7	98.7	98.8	99.4
GE 000	76.0	81.0	90.4	95.1	96.4	96.4	97.7	98.0	98.0	98.3	98.3	98.3	98.7	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.0	49.8	57.2	60.1	62.0	62.6	64.1	64.8	64.8	65.1	65.3	65.3	65.6	65.6	66.2	66.7
GE 20000	45.2	55.2	63.7	67.2	69.4	70.1	72.0	72.8	72.8	73.2	73.4	73.4	73.8	73.8	74.6	75.0
GE 18000	45.2	55.2	63.7	67.2	69.4	70.1	72.0	72.8	72.8	73.2	73.4	73.4	73.8	73.8	74.6	75.0
GE 16000	45.2	55.2	63.7	67.2	69.4	70.1	72.0	72.8	72.8	73.2	73.4	73.4	73.8	73.8	74.6	75.0
GE 14000	45.3	55.3	63.8	67.3	69.6	70.2	72.3	73.1	73.1	73.6	73.8	73.8	74.1	74.1	74.9	75.3
GE 12000	46.4	56.7	65.2	68.9	71.1	71.8	74.0	74.8	74.8	75.2	75.4	75.4	75.8	75.8	76.6	77.0
GE 10000	48.2	58.7	67.2	70.9	73.3	74.0	76.6	77.3	77.3	77.8	78.0	78.0	78.3	78.3	79.1	79.6
GE 9000	49.0	59.6	68.2	72.0	74.4	75.2	77.8	78.6	78.6	79.0	79.2	79.2	79.6	79.6	80.3	80.8
GE 8000	50.0	60.7	69.3	73.1	75.6	76.4	79.0	79.8	79.8	80.2	80.4	80.4	80.8	80.8	81.6	82.0
GE 7000	50.7	61.3	70.1	74.0	76.4	77.4	80.0	80.8	80.8	81.2	81.4	81.4	81.8	81.8	82.6	83.0
GE 6000	51.2	61.9	70.7	74.6	77.0	78.0	80.6	81.3	81.3	81.8	82.0	82.0	82.3	82.3	83.1	83.6
GE 5000	51.9	62.9	71.7	75.6	78.0	79.0	81.6	82.4	82.4	82.9	83.1	83.1	83.4	83.4	84.2	84.7
GE 4500	52.4	63.7	72.6	76.4	78.9	79.9	82.4	83.3	83.3	83.8	84.0	84.0	84.3	84.3	85.1	85.6
GE 4000	53.7	65.2	74.2	78.1	80.6	81.7	84.2	85.1	85.1	85.6	85.8	85.8	86.1	86.1	86.9	87.3
GE 3500	54.0	65.6	74.6	78.6	81.0	82.1	84.7	85.6	85.6	86.0	86.2	86.2	86.6	86.6	87.3	87.8
GE 3000	55.4	67.2	76.2	80.2	82.7	83.8	86.3	87.2	87.2	87.7	87.9	87.9	88.2	88.2	89.0	89.4
GE 2500	55.8	67.6	76.7	80.7	83.1	84.2	87.0	87.9	87.9	88.3	88.6	88.6	88.9	88.9	89.7	90.1
GE 2000	56.3	68.7	77.9	81.9	84.3	85.4	88.3	89.2	89.2	89.7	89.9	89.9	90.2	90.2	91.0	91.4
GE 1800	56.4	68.9	78.2	82.2	84.7	85.8	88.7	89.6	89.6	90.0	90.2	90.2	90.6	90.6	91.3	91.8
GE 1500	56.8	69.3	78.7	82.9	85.2	86.4	89.3	90.2	90.2	90.7	90.9	90.9	91.2	91.2	92.0	92.4
GE 1200	56.9	70.0	79.6	83.7	86.1	87.3	90.3	91.2	91.2	91.7	91.9	91.9	92.2	92.2	93.0	93.4
GE 1000	57.1	70.2	80.1	84.3	86.8	88.0	91.1	92.1	92.1	92.6	92.8	92.8	93.1	93.1	93.9	94.3
GE 900	57.4	70.7	80.6	84.8	87.2	88.4	91.7	92.8	92.8	93.2	93.4	93.4	93.8	93.8	94.6	95.0
GE 800	57.4	70.7	80.8	85.0	87.6	88.9	92.1	93.2	93.2	93.7	93.9	93.9	94.2	94.2	95.0	95.4
GE 700	57.4	70.8	80.9	85.1	87.8	89.1	92.3	93.6	93.6	94.0	94.2	94.2	94.6	94.6	95.3	95.8
GE 600	57.6	70.9	81.1	85.3	88.0	89.3	92.6	93.8	93.8	94.2	94.4	94.4	94.8	94.8	95.6	96.0
GE 500	57.6	71.0	81.3	85.7	88.3	89.9	93.3	94.7	94.7	95.3	95.6	95.6	95.9	95.9	96.7	97.1
GE 400	58.0	71.4	81.8	86.1	88.9	90.4	94.0	95.3	95.3	96.0	96.2	96.2	96.6	96.6	97.3	97.8
GE 300	58.0	71.4	81.8	86.1	88.9	90.4	94.1	95.4	95.4	96.2	96.4	96.4	96.9	96.9	97.7	98.1
GE 200	58.0	71.4	81.8	86.1	88.9	90.4	94.1	95.7	95.7	96.6	96.9	96.9	97.4	97.4	98.2	98.7
GE 100	58.0	71.4	81.8	86.1	88.9	90.4	94.1	95.7	95.7	96.7	97.0	97.0	97.6	97.6	98.7	99.7
GE 000	58.0	71.4	81.8	86.1	88.9	90.4	94.1	95.7	95.7	96.7	97.0	97.0	97.6	97.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.0	61.4	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 20000	67.2	70.3	71.1	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 18000	67.2	70.3	71.1	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 16000	67.2	70.3	71.2	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 14000	67.2	70.3	71.3	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 12000	68.7	71.8	72.8	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 10000	70.8	74.0	75.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 9000	71.3	74.7	75.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 8000	72.8	76.1	77.4	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 7000	73.6	76.9	78.2	79.3	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	73.9	77.2	78.6	79.7	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 5000	74.7	78.0	79.6	80.8	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	75.6	78.9	80.4	81.7	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4000	76.8	80.6	82.2	83.4	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3500	77.7	81.4	83.2	84.7	85.0	85.0	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	79.4	83.4	85.3	86.8	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	81.6	85.6	87.6	89.0	89.3	89.3	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	83.0	87.3	89.6	91.0	91.4	91.4	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	84.0	88.4	90.8	92.2	92.7	92.7	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	85.4	89.9	92.2	93.9	94.3	94.3	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1200	86.9	91.8	94.2	96.0	96.7	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	87.2	92.2	94.7	96.6	97.3	97.3	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	87.4	92.6	95.0	97.0	98.0	98.0	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	87.6	92.7	95.2	97.2	98.3	98.3	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	87.6	92.7	95.4	97.4	98.6	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	87.6	92.7	95.4	97.4	98.7	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	87.7	92.8	95.6	97.6	98.8	98.8	99.2	99.3	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	87.7	92.8	95.6	97.6	98.8	98.8	99.2	99.3	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	87.7	92.8	95.6	97.6	98.8	98.9	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	87.7	92.8	95.6	97.6	98.8	98.9	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	87.7	92.8	95.6	97.6	98.8	98.9	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	87.7	92.8	95.6	97.6	98.8	98.9	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 20000	65.7	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 18000	65.7	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 16000	65.7	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 14000	65.8	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	66.8	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 10000	69.2	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	71.0	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 8000	73.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 7000	74.7	77.9	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 6000	75.1	78.3	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 5000	76.8	80.0	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4500	78.6	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	82.6	86.0	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 3500	86.2	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3000	89.2	93.2	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	91.1	95.4	96.2	96.3	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	91.6	96.1	96.9	97.1	97.4	97.4	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	91.8	96.3	97.2	97.4	97.8	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	92.0	96.7	97.8	98.0	98.3	98.3	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	92.3	97.0	98.1	98.3	98.8	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	92.4	97.1	98.2	98.4	98.9	98.9	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	92.4	97.1	98.2	98.6	99.0	99.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	92.4	97.1	98.3	98.7	99.1	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	92.4	97.1	98.3	98.7	99.1	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.4	97.1	98.3	98.7	99.1	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.4	97.1	98.3	98.7	99.1	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.4	97.1	98.3	98.7	99.1	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.4	97.1	98.3	98.7	99.1	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.4	97.1	98.3	98.7	99.1	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.4	97.1	98.3	98.7	99.1	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.4	97.1	98.3	98.7	99.1	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 86
LST TO UTC: + 5 MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 18000	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 16000	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 14000	73.0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 12000	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 10000	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 8000	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 7000	81.0	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 6000	82.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	84.3	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	86.8	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4000	90.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3500	93.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	94.9	96.0	96.4	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2500	95.7	96.9	97.3	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	96.1	97.3	97.8	98.3	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	96.1	97.3	97.8	98.3	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	96.4	97.7	98.1	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	96.8	98.0	98.4	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	96.8	98.0	98.4	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	96.8	98.0	98.4	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.8	98.2	98.7	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.8	98.2	98.7	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	96.8	98.2	98.7	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.8	98.2	98.7	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.8	98.2	98.7	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.8	98.2	98.7	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.8	98.2	98.7	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.8	98.2	98.7	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.8	98.2	98.7	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 20000	75.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 18000	75.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 16000	75.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 14000	75.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 12000	76.2	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 10000	78.1	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 9000	79.0	83.1	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 8000	81.0	85.2	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 7000	82.0	86.6	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 6000	82.7	87.2	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 5000	84.6	89.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4500	85.1	89.9	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4000	86.8	91.7	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3500	88.0	92.9	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	89.7	94.7	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	90.0	95.1	96.1	96.4	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	90.2	95.3	96.4	97.0	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	90.2	95.4	96.6	97.1	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	90.3	95.7	96.8	97.3	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	90.6	95.9	97.0	97.7	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	90.7	96.1	97.4	98.1	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	90.8	96.2	97.6	98.2	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	90.8	96.4	98.1	98.9	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	90.8	96.4	98.1	98.9	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	90.8	96.4	98.1	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	90.8	96.4	98.1	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.8	96.4	98.1	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.8	96.4	98.1	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.8	96.4	98.1	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.8	96.4	98.1	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.8	96.4	98.1	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.1	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
GE 20000	79.2	80.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
GE 18000	79.2	80.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
GE 16000	79.2	80.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
GE 14000	79.2	80.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
GE 12000	79.6	80.4	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
GE 10000	80.8	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6
GE 9000	82.0	83.1	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 8000	82.9	84.0	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
GE 7000	84.1	85.7	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9
GE 6000	84.6	86.1	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
GE 5000	86.2	87.8	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
GE 4500	86.9	88.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
GE 4000	87.9	89.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
GE 3500	88.8	90.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
GE 3000	89.8	91.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
GE 2500	90.6	93.0	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
GE 2000	91.2	93.7	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
GE 1800	91.4	93.9	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
GE 1500	92.1	94.8	96.4	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
GE 1200	92.1	95.0	96.7	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6
GE 1000	92.7	95.6	97.2	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
GE 900	93.3	96.2	97.9	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 800	93.3	96.2	97.9	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 700	93.4	96.3	98.0	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 600	93.6	96.4	98.2	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
GE 500	93.6	96.4	98.3	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 400	93.6	96.4	98.3	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 300	93.6	96.4	98.3	99.0	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	93.6	96.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	93.6	96.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	93.6	96.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.9	60.4	62.4	63.2	63.6	63.6	63.9	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.4
GE 20000	67.2	71.6	74.0	75.0	75.4	75.5	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.2	76.4
GE 18000	67.2	71.6	74.0	75.0	75.4	75.5	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.2	76.4
GE 16000	67.2	71.6	74.0	75.0	75.5	75.5	75.8	76.0	76.0	76.1	76.1	76.1	76.2	76.2	76.3	76.4
GE 14000	67.3	71.8	74.2	75.2	75.6	75.7	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.6
GE 12000	68.1	72.7	75.2	76.2	76.6	76.7	77.0	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.5	77.6
GE 10000	69.8	74.4	76.9	78.0	78.5	78.5	78.9	79.1	79.1	79.1	79.2	79.2	79.3	79.3	79.3	79.5
GE 9000	70.7	75.4	77.9	79.0	79.5	79.6	80.0	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.4	80.6
GE 8000	72.2	77.0	79.6	80.7	81.2	81.3	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.1	82.3
GE 7000	73.2	78.2	80.9	82.0	82.5	82.7	83.0	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.5	83.7
GE 6000	73.7	78.7	81.4	82.5	83.1	83.2	83.6	83.7	83.7	83.8	83.8	83.8	83.9	83.9	84.0	84.2
GE 5000	75.0	80.1	82.3	84.0	84.5	84.6	85.0	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.5	85.7
GE 4500	76.0	81.3	84.0	85.2	85.7	85.8	86.2	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.7	86.9
GE 4000	77.8	83.2	86.0	87.2	87.7	87.9	88.2	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.7	88.9
GE 3500	79.3	84.8	87.6	88.9	89.4	89.6	89.9	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.4	90.6
GE 3000	80.7	86.3	89.4	90.7	91.3	91.4	91.8	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.3	92.5
GE 2500	81.7	87.4	90.7	92.0	92.6	92.7	93.2	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.8	93.9
GE 2000	82.3	88.2	91.5	92.9	93.5	93.7	94.2	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.8	94.9
GE 1800	82.5	88.5	91.9	93.3	93.9	94.1	94.6	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.2	95.3
GE 1500	83.1	89.1	92.6	94.1	94.7	94.9	95.5	95.6	95.6	95.8	95.8	95.8	95.9	95.9	96.0	96.2
GE 1200	83.5	89.8	93.3	95.0	95.7	95.8	96.4	96.6	96.6	96.8	96.8	96.8	96.9	96.9	97.0	97.2
GE 1000	83.8	90.2	93.8	95.5	96.3	96.4	97.1	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.7	97.8
GE 900	84.1	90.4	94.1	95.9	96.6	96.8	97.5	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.1	98.3
GE 800	84.1	90.5	94.3	96.1	96.9	97.1	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.4	98.5
GE 700	84.1	90.6	94.4	96.2	97.0	97.2	97.9	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.5	98.7
GE 600	84.2	90.7	94.6	96.4	97.2	97.4	98.1	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.8	98.9
GE 500	84.3	90.7	94.7	96.6	97.4	97.6	98.4	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.2	99.3
GE 400	84.3	90.8	94.8	96.7	97.5	97.7	98.6	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.3	99.5
GE 300	84.3	90.8	94.8	96.7	97.6	97.8	98.7	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.5	99.6
GE 200	84.3	90.8	94.8	96.7	97.6	97.8	98.7	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.6	99.8
GE 100	84.3	90.8	94.8	96.7	97.6	97.8	98.7	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.7	99.9
GE 000	84.3	90.8	94.8	96.7	97.6	97.8	98.7	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.4	68.9	70.4	71.4	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 20000	68.1	78.5	80.4	81.5	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 18000	68.1	78.5	80.4	81.5	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 16000	68.1	78.5	80.4	81.5	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 14000	68.1	78.5	80.4	81.5	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 12000	68.3	78.7	80.6	81.7	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 10000	69.6	80.3	82.5	83.5	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 9000	70.8	81.7	84.0	85.1	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 8000	71.9	83.1	85.4	86.5	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 7000	73.0	84.3	86.7	87.7	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 6000	73.2	84.6	87.0	88.1	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 5000	74.6	86.2	88.6	89.7	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4500	75.4	87.0	89.7	90.8	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4000	76.1	87.7	90.4	91.5	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	77.1	88.7	91.4	92.5	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3000	77.5	89.2	91.9	93.2	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	78.0	89.8	92.6	94.1	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	78.8	90.9	93.7	95.2	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	78.9	91.0	93.8	95.3	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	79.5	91.7	94.8	96.3	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	79.7	92.0	95.3	96.8	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	80.3	92.7	95.9	97.4	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	80.3	92.8	96.0	97.5	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	80.5	93.0	96.2	97.7	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	80.6	93.1	96.3	98.0	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	81.0	93.4	96.7	98.3	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	81.0	93.4	96.8	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	81.0	93.4	96.8	98.5	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	81.0	93.4	96.9	98.6	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	81.0	93.4	96.9	98.6	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	81.0	93.4	96.9	98.6	99.5	99.5	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	81.0	93.4	96.9	98.6	99.5	99.5	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.4	62.8	66.1	69.2	70.6	70.8	71.1	71.2	71.2	71.2	71.3	71.3	71.6	71.6	71.7	71.7
GE 20000	65.2	70.8	74.5	78.0	79.5	79.6	79.9	80.0	80.0	80.1	80.2	80.2	80.6	80.6	80.8	80.8
GE 18000	65.2	70.8	74.5	78.0	79.5	79.6	79.9	80.0	80.0	80.1	80.2	80.2	80.6	80.6	80.8	80.8
GE 16000	65.2	70.8	74.5	78.0	79.5	79.6	79.9	80.0	80.0	80.1	80.2	80.2	80.6	80.6	80.8	80.8
GE 14000	65.2	70.8	74.5	78.0	79.5	79.6	79.9	80.0	80.0	80.1	80.2	80.2	80.6	80.6	80.8	80.8
GE 12000	65.6	71.2	74.9	78.4	79.9	80.0	80.3	80.4	80.4	80.5	80.6	80.6	81.1	81.1	81.2	81.2
GE 10000	66.5	72.2	76.0	79.5	81.0	81.1	81.4	81.5	81.5	81.6	81.7	81.7	82.2	82.2	82.3	82.3
GE 9000	67.0	72.7	77.2	80.6	82.2	82.3	82.6	82.7	82.7	82.8	82.9	82.9	83.3	83.3	83.4	83.4
GE 8000	68.6	74.3	78.8	82.3	83.8	83.9	84.2	84.3	84.3	84.4	84.5	84.5	84.9	84.9	85.1	85.1
GE 7000	69.9	75.6	80.2	83.7	85.3	85.5	85.8	85.9	85.9	86.0	86.1	86.1	86.6	86.6	86.7	86.7
GE 6000	69.9	75.6	80.2	83.8	85.6	85.8	86.1	86.2	86.2	86.3	86.5	86.5	86.9	86.9	87.0	87.0
GE 5000	71.4	77.2	81.9	85.5	87.3	87.5	87.8	88.0	88.0	88.1	88.2	88.2	88.6	88.6	88.7	88.7
GE 4500	72.4	78.2	83.2	86.8	88.6	88.3	89.1	89.2	89.2	89.4	89.5	89.5	89.9	89.9	90.0	90.0
GE 4000	73.8	79.6	84.7	88.3	90.1	90.3	90.6	90.8	90.8	90.9	91.0	91.0	91.4	91.4	91.5	91.5
GE 3500	74.4	80.3	85.6	89.1	91.0	91.2	91.5	91.6	91.6	91.7	91.8	91.8	92.3	92.3	92.4	92.4
GE 3000	75.3	81.2	86.6	90.2	92.0	92.3	92.6	92.7	92.7	92.8	92.9	92.9	93.3	93.3	93.4	93.4
GE 2500	75.5	81.5	87.0	90.6	92.5	92.7	93.0	93.1	93.1	93.2	93.3	93.3	93.8	93.8	93.9	93.9
GE 2000	75.7	81.8	87.5	91.2	93.0	93.2	93.5	93.7	93.7	93.8	93.9	93.9	94.3	94.3	94.4	94.4
GE 1800	75.9	82.3	88.0	91.6	93.4	93.7	94.0	94.1	94.1	94.2	94.3	94.3	94.7	94.7	94.8	94.8
GE 1500	76.5	82.8	88.5	92.2	94.0	94.2	94.5	94.6	94.6	94.7	94.8	94.8	95.3	95.3	95.4	95.4
GE 1200	77.0	83.3	89.0	92.7	94.5	94.7	95.1	95.2	95.2	95.3	95.4	95.4	95.9	95.9	96.0	96.0
GE 1000	77.6	84.0	89.8	93.5	95.5	95.7	96.0	96.1	96.1	96.2	96.3	96.3	96.9	96.9	97.0	97.0
GE 900	77.6	84.0	89.8	93.7	95.6	95.8	96.1	96.2	96.2	96.3	96.5	96.5	97.0	97.0	97.1	97.1
GE 800	77.6	84.0	89.8	93.7	95.6	95.8	96.1	96.2	96.2	96.3	96.5	96.5	97.0	97.0	97.1	97.1
GE 700	77.8	84.2	90.0	94.0	95.9	96.1	96.5	96.6	96.6	96.7	96.8	96.8	97.3	97.3	97.4	97.4
GE 600	78.2	84.5	90.3	94.3	96.3	96.6	97.0	97.1	97.1	97.2	97.3	97.3	97.8	97.8	98.0	98.0
GE 500	78.2	84.5	90.4	94.5	96.8	97.0	97.4	97.5	97.5	97.6	97.7	97.7	98.3	98.3	98.4	98.4
GE 400	78.4	84.8	90.8	94.8	97.1	97.3	98.0	98.1	98.1	98.2	98.3	98.3	98.8	98.8	98.9	98.9
GE 300	78.4	84.8	91.0	95.1	97.3	97.5	98.2	98.3	98.3	98.4	98.5	98.5	99.0	99.0	99.1	99.1
GE 200	78.4	84.8	91.0	95.1	97.3	97.5	98.2	98.4	98.4	98.5	98.6	98.6	99.1	99.1	99.2	99.2
GE 100	78.4	84.8	91.1	95.2	97.4	97.6	98.3	98.6	98.6	98.7	98.8	98.8	99.5	99.5	99.6	99.7
GE 000	78.4	84.8	91.1	95.2	97.4	97.6	98.3	98.6	98.6	98.7	98.8	98.8	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.2	52.5	58.2	60.6	63.9	64.6	65.6	66.1	66.1	66.9	67.0	67.0	67.3	67.3	67.3	67.4
GE 20000	46.5	59.9	66.7	69.6	73.1	73.9	75.3	75.8	75.8	76.7	76.8	76.8	77.4	77.4	77.5	77.7
GE 18000	46.5	59.9	66.7	69.6	73.1	73.9	75.3	75.8	75.8	76.7	76.8	76.8	77.4	77.4	77.5	77.7
GE 16000	46.5	59.9	66.7	69.6	73.1	73.9	75.3	75.8	75.8	76.7	76.8	76.8	77.4	77.4	77.5	77.7
GE 14000	46.5	60.0	66.8	69.7	73.2	74.0	75.4	75.9	75.9	76.8	76.9	76.9	77.5	77.5	77.6	77.8
GE 12000	46.9	60.4	67.2	70.1	73.7	74.4	75.9	76.5	76.5	77.3	77.4	77.4	78.1	78.1	78.2	78.4
GE 10000	48.2	62.3	69.7	72.7	76.2	77.1	78.6	79.1	79.1	80.1	80.2	80.2	80.9	80.9	81.0	81.2
GE 9000	49.1	63.3	70.8	73.9	77.4	78.3	79.3	80.3	80.3	81.3	81.4	81.4	82.0	82.0	82.2	82.4
GE 8000	50.6	65.2	72.6	75.7	79.2	80.1	81.7	82.3	82.3	83.3	83.4	83.4	84.1	84.1	84.2	84.4
GE 7000	51.7	66.3	73.9	77.1	80.6	81.5	83.2	83.8	83.8	84.8	84.9	84.9	85.6	85.6	85.7	85.9
GE 6000	51.8	66.5	74.1	77.3	80.9	81.7	83.4	84.0	84.0	85.1	85.2	85.2	85.8	85.8	85.9	86.1
GE 5000	52.8	67.5	75.2	78.4	81.9	82.8	84.5	85.1	85.1	86.1	86.2	86.2	86.9	86.9	87.0	87.2
GE 4500	53.9	68.9	76.6	79.9	83.4	84.3	86.0	86.6	86.6	87.6	87.7	87.7	88.4	88.4	88.5	88.7
GE 4000	54.6	69.7	77.3	80.8	84.5	85.4	87.1	87.6	87.6	88.7	88.8	88.8	89.5	89.5	89.6	89.8
GE 3500	54.8	69.9	77.5	81.0	84.7	85.6	87.3	87.8	87.8	88.9	89.0	89.0	89.7	89.7	89.8	90.0
GE 3000	55.4	70.6	78.4	81.8	85.7	86.6	88.3	88.8	88.8	89.9	90.1	90.1	90.8	90.8	90.9	91.1
GE 2500	55.7	71.1	78.8	82.4	86.2	87.1	88.8	89.4	89.4	90.4	90.6	90.6	91.3	91.3	91.4	91.6
GE 2000	56.3	72.2	80.0	83.7	87.5	88.4	90.1	90.6	90.6	91.7	91.9	91.9	92.6	92.6	92.7	92.9
GE 1800	56.5	72.3	80.1	83.8	87.6	88.5	90.2	90.8	90.8	91.8	92.0	92.0	92.7	92.7	92.8	93.0
GE 1500	56.6	72.4	80.2	83.9	87.8	88.7	90.4	91.0	91.0	92.0	92.3	92.3	92.9	92.9	93.0	93.2
GE 1200	57.3	73.1	81.1	84.7	89.0	89.9	91.7	92.3	92.3	93.4	93.7	93.7	94.3	94.3	94.4	94.6
GE 1000	57.8	73.8	81.7	85.5	89.9	90.8	92.7	93.3	93.3	94.5	94.7	94.7	95.4	95.4	95.5	95.7
GE 900	58.1	74.3	82.5	86.2	90.6	91.5	93.4	94.1	94.1	95.3	95.5	95.5	96.1	96.1	96.2	96.5
GE 800	58.4	74.6	82.9	86.7	91.1	91.9	93.9	94.5	94.5	95.7	95.9	95.9	96.6	96.6	96.7	96.9
GE 700	58.4	74.7	83.0	86.8	91.3	92.2	94.2	94.8	94.8	96.0	96.3	96.3	97.0	97.0	97.1	97.3
GE 600	58.4	74.7	83.1	86.9	91.4	92.3	94.3	94.9	94.9	96.2	96.6	96.6	97.2	97.2	97.3	97.5
GE 500	58.6	74.9	83.4	87.2	91.8	92.8	94.9	95.6	95.6	96.9	97.2	97.2	97.8	97.8	98.0	98.2
GE 400	58.7	75.1	83.5	87.3	91.9	93.1	95.3	96.0	96.0	97.4	97.7	97.7	98.4	98.4	98.5	98.7
GE 300	58.7	75.1	83.5	87.4	92.0	93.2	95.5	96.2	96.2	97.7	98.2	98.2	98.8	98.8	98.9	99.1
GE 200	58.7	75.1	83.5	87.4	92.0	93.2	95.5	96.2	96.2	98.0	98.4	98.4	99.0	99.0	99.1	99.4
GE 100	58.7	75.1	83.5	87.4	92.0	93.2	95.5	96.2	96.2	98.0	98.4	98.4	99.1	99.1	99.5	99.8
GE 000	58.7	75.1	83.5	87.4	92.0	93.2	95.5	96.2	96.2	98.0	98.4	98.4	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.4	56.0	57.3	58.0	58.2	58.2	58.5	58.5	59.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 20000	61.0	65.1	67.0	67.6	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 18000	61.0	65.1	67.0	67.6	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	61.0	65.1	67.0	67.6	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 14000	61.0	65.1	67.0	67.6	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 12000	61.3	65.5	67.5	68.2	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 10000	64.6	69.0	71.1	71.7	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 9000	66.0	70.5	72.6	73.2	73.5	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 8000	68.3	72.9	74.9	75.7	76.0	76.0	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 7000	69.0	73.7	75.7	76.5	76.8	76.8	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 6000	69.1	73.8	75.8	76.6	76.9	76.9	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 5000	69.8	74.4	76.5	77.2	77.5	77.5	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4500	70.0	74.6	76.7	77.4	77.7	77.7	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4000	70.9	75.6	77.6	78.4	78.7	78.7	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 3500	74.1	78.8	80.9	81.6	81.9	81.9	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	77.4	82.5	84.6	85.5	85.8	85.8	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	80.9	85.9	88.1	89.0	89.4	89.4	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2000	83.7	88.9	91.1	92.2	92.5	92.5	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	84.7	90.1	92.5	93.5	93.9	93.9	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	86.3	91.8	94.2	95.3	95.7	95.7	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 1200	87.4	93.1	95.6	96.8	97.3	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 1000	87.7	93.7	96.1	97.3	97.8	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 900	87.8	93.8	96.2	97.4	98.0	98.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 800	87.8	93.8	96.2	97.5	98.1	98.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 700	87.8	93.8	96.2	97.5	98.1	98.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 600	88.0	93.9	96.5	97.8	98.4	98.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	88.0	94.0	96.6	98.1	98.6	98.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	88.0	94.0	96.6	98.1	98.6	98.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	88.0	94.0	96.6	98.1	98.6	98.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	88.0	94.0	96.6	98.1	98.6	98.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	88.0	94.0	96.6	98.1	98.6	98.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	88.0	94.0	96.6	98.1	98.6	98.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.7	49.0	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	60.3	63.1	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000	60.3	63.1	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000	60.3	63.1	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	60.5	63.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 12000	61.1	63.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 10000	63.4	66.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 9000	64.0	67.2	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 8000	66.0	69.6	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	66.8	70.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 6000	67.1	70.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	68.4	71.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4500	70.3	73.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	75.9	79.6	81.6	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	84.1	88.5	90.5	90.6	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	87.0	91.8	94.0	94.1	94.4	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	88.9	93.9	96.3	96.5	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	89.6	94.5	97.0	97.1	97.4	97.5	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	89.9	94.8	97.3	97.4	97.7	97.8	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	90.3	95.4	98.0	98.1	98.4	98.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	90.6	95.7	98.3	98.4	98.7	98.8	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	90.6	95.8	98.4	98.6	98.9	99.0	99.1	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 900	90.6	95.8	98.4	98.6	98.9	99.0	99.1	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 800	90.6	95.8	98.4	98.6	98.9	99.0	99.1	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 700	90.6	95.8	98.4	98.6	98.9	99.0	99.1	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 600	90.6	95.8	98.4	98.6	98.9	99.0	99.2	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	90.6	95.8	98.4	98.6	98.9	99.0	99.2	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	90.6	95.8	98.4	98.6	98.9	99.0	99.2	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	90.6	95.8	98.4	98.6	98.9	99.0	99.2	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	90.6	95.8	98.4	98.6	98.9	99.0	99.2	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	90.6	95.8	98.4	98.6	98.9	99.0	99.2	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	90.6	95.8	98.4	98.6	98.9	99.0	99.2	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.1	51.4	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 20000	67.5	69.1	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 18000	67.5	69.1	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 16000	67.5	69.1	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 14000	67.6	69.2	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 12000	68.3	69.9	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000	70.2	71.8	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	72.7	74.3	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 8000	75.5	77.2	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 7000	78.5	80.3	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 6000	78.7	80.5	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	80.0	81.8	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4500	81.8	83.7	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4000	86.5	88.7	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3500	90.3	92.9	93.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	92.0	94.7	95.5	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	92.7	95.4	96.1	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	93.1	96.0	96.9	97.3	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	93.5	96.5	97.3	97.7	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	93.5	96.5	97.3	97.7	98.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	93.7	96.6	97.5	98.0	98.5	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	93.7	96.6	97.5	98.0	98.5	98.6	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	93.7	96.6	97.5	98.0	98.5	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	93.8	96.7	97.6	98.1	98.6	98.7	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	93.8	96.7	97.6	98.1	98.6	98.7	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	93.8	96.7	97.6	98.1	98.6	98.7	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	93.8	96.7	97.6	98.1	98.7	98.8	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	93.8	96.7	97.6	98.1	98.8	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 300	93.8	96.7	97.6	98.1	98.8	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 200	93.8	96.7	97.6	98.1	98.8	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	93.8	96.7	97.6	98.1	98.8	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	93.8	96.7	97.6	98.1	98.8	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.5	57.0	57.3	57.5	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000	72.0	76.1	76.7	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 18000	72.0	76.1	76.7	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 16000	72.0	76.1	76.7	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 14000	72.2	76.2	76.8	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 12000	72.6	76.8	77.3	77.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 10000	73.9	78.3	78.8	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 9000	75.2	79.6	80.1	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 8000	77.6	82.2	82.9	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 7000	80.4	85.4	86.2	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 6000	80.8	86.0	86.9	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 5000	81.5	87.1	88.0	88.2	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	82.9	88.7	89.6	89.8	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000	84.1	90.0	91.2	91.4	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3500	86.2	92.5	94.0	94.3	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3000	87.2	93.4	94.9	95.4	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7
GE 2500	87.5	94.0	95.5	96.0	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
GE 2000	88.3	94.8	96.5	97.0	97.8	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 1800	88.6	95.3	96.9	97.4	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
GE 1500	88.8	95.6	97.2	97.7	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 1200	88.8	95.6	97.2	97.8	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 1000	88.8	95.6	97.3	98.0	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 900	88.8	95.6	97.3	98.0	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 800	88.8	95.6	97.3	98.0	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 700	88.8	95.7	97.5	98.3	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 600	88.8	95.7	97.5	98.3	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 500	88.8	95.7	97.5	98.4	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 400	88.8	95.7	97.5	98.4	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	88.8	95.7	97.5	98.4	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	88.8	95.7	97.5	98.4	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	88.8	95.7	97.5	98.4	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	88.8	95.7	97.5	98.4	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.7	66.5	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 20000	76.9	79.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 18000	76.9	79.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 16000	76.9	79.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 14000	77.0	79.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 12000	77.2	79.4	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 10000	78.9	81.1	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 9000	80.3	82.6	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 8000	81.7	84.1	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 7000	84.1	86.5	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 6000	84.8	87.2	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 5000	85.9	88.5	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	86.9	89.5	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	87.7	90.5	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3500	88.7	91.6	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	90.2	93.3	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	91.0	94.2	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	91.7	94.9	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	91.7	94.9	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	92.4	95.7	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	92.6	95.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	92.9	96.2	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	92.9	96.5	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	93.2	96.8	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	93.3	96.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	93.3	96.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	93.3	96.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	93.3	96.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	93.4	97.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.4	97.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.4	97.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.4	97.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.5	58.0	59.7	60.7	61.4	61.5	61.8	61.9	61.9	61.9	62.0	62.0	62.1	62.1	62.1	62.1
GE 20000	64.7	70.2	72.4	73.5	74.3	74.4	74.7	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1
GE 18000	64.7	70.2	72.4	73.5	74.3	74.4	74.7	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1
GE 16000	64.7	70.2	72.4	73.5	74.3	74.4	74.7	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1
GE 14000	64.7	70.3	72.5	73.6	74.4	74.5	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.2	75.2
GE 12000	65.1	70.7	72.9	74.0	74.8	74.9	75.2	75.3	75.3	75.4	75.5	75.5	75.6	75.6	75.6	75.6
GE 10000	66.9	72.7	75.0	76.1	76.9	77.1	77.4	77.4	77.4	77.6	77.6	77.6	77.7	77.7	77.8	77.8
GE 9000	68.1	74.0	76.4	77.5	78.4	78.5	78.8	78.9	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2
GE 8000	70.0	76.1	78.6	79.7	80.5	80.6	81.0	81.1	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.5
GE 7000	71.7	77.8	80.4	81.6	82.4	82.6	82.9	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.4	83.4
GE 6000	71.9	78.1	80.8	81.9	82.8	83.0	83.3	83.4	83.4	83.6	83.6	83.6	83.7	83.7	83.8	83.8
GE 5000	73.1	79.3	82.0	83.2	84.1	84.2	84.6	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.1
GE 4500	74.2	80.6	83.3	84.5	85.4	85.6	86.0	86.1	86.1	86.2	86.2	86.2	86.4	86.4	86.4	86.4
GE 4000	76.2	82.7	85.6	86.8	87.8	87.9	88.3	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.8	88.8
GE 3500	78.7	85.4	88.4	89.6	90.6	90.8	91.2	91.3	91.3	91.5	91.5	91.5	91.6	91.6	91.7	91.7
GE 3000	80.3	87.1	90.2	91.5	92.5	92.7	93.1	93.2	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE 2500	81.3	88.2	91.4	92.7	93.8	93.9	94.4	94.5	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.9
GE 2000	82.2	89.3	92.5	93.9	94.9	95.1	95.6	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.1	96.1
GE 1800	82.5	89.6	92.9	94.3	95.3	95.5	96.0	96.1	96.1	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE 1500	83.0	90.2	93.5	94.9	96.0	96.2	96.7	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.3
GE 1200	83.4	90.7	94.0	95.5	96.6	96.8	97.3	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.9	97.9
GE 1000	83.7	91.0	94.4	95.9	97.1	97.2	97.8	97.9	97.9	98.1	98.2	98.2	98.4	98.4	98.4	98.4
GE 900	83.7	91.2	94.6	96.1	97.3	97.4	98.0	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.7
GE 800	83.9	91.3	94.7	96.2	97.4	97.6	98.2	98.3	98.3	98.5	98.6	98.6	98.8	98.8	98.8	98.8
GE 700	83.9	91.4	94.8	96.4	97.6	97.7	98.3	98.5	98.5	98.7	98.8	98.8	99.0	99.0	99.0	99.0
GE 600	84.0	91.5	94.9	96.5	97.7	97.9	98.5	98.7	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2
GE 500	84.0	91.5	95.0	96.6	97.9	98.1	98.7	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.5
GE 400	84.1	91.5	95.0	96.7	98.0	98.2	98.9	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.7
GE 300	84.1	91.6	95.1	96.8	98.1	98.3	99.0	99.1	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.8
GE 200	84.1	91.6	95.1	96.8	98.1	98.3	99.0	99.1	99.1	99.5	99.5	99.5	99.7	99.7	99.8	99.8
GE 100	84.1	91.6	95.1	96.8	98.1	98.3	99.0	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.9	99.9
GE 000	84.1	91.6	95.1	96.8	98.1	98.3	99.0	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.9	60.0	63.3	64.4	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2
GE 20000	60.1	71.7	77.0	78.8	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9
GE 18000	60.1	71.7	77.0	78.8	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9
GE 16000	60.1	71.7	77.0	78.8	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9
GE 14000	60.1	71.7	77.0	78.8	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9
GE 12000	60.6	72.3	77.7	79.4	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6
GE 10000	61.9	74.7	80.1	81.9	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 9000	63.8	77.1	82.7	84.4	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.6
GE 8000	66.4	80.4	86.3	88.1	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
GE 7000	67.2	81.4	87.3	89.1	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 6000	67.8	82.0	87.9	89.7	90.4	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8
GE 5000	68.0	82.2	88.1	89.9	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0
GE 4500	68.9	83.1	89.0	90.8	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
GE 4000	69.4	83.8	89.7	91.4	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6
GE 3500	70.6	85.1	91.0	92.8	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0
GE 3000	70.7	85.3	91.2	93.0	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2
GE 2500	71.6	86.2	92.1	93.9	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1
GE 2000	71.9	86.7	92.6	94.3	95.3	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 1800	72.2	87.0	92.9	94.3	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 1500	73.0	87.8	93.7	95.7	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2
GE 1200	73.1	87.9	94.0	96.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.6	97.6	97.6	97.6
GE 1000	73.2	88.0	94.2	96.3	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.9	97.9	97.9	97.9
GE 900	73.6	88.4	94.7	96.8	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3
GE 800	73.7	88.6	94.8	96.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4
GE 700	73.8	88.7	94.9	97.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.6
GE 600	73.9	88.8	95.0	97.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7
GE 500	74.0	88.9	95.1	97.3	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 400	74.3	89.2	95.4	97.7	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 300	74.8	89.7	95.9	98.2	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 200	74.9	89.8	96.0	98.3	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	74.9	89.8	96.0	98.3	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	74.9	89.8	96.0	98.3	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.3	55.4	61.7	65.1	66.0	66.1	66.6	66.6	66.6	67.1	67.2	67.2	67.3	67.3	67.4	67.4
GE 20000	60.6	65.6	73.1	77.0	78.1	78.3	78.8	78.8	78.8	79.3	79.4	79.4	79.6	79.6	79.7	79.7
GE 18000	60.6	65.6	73.1	77.0	78.1	78.3	78.8	78.8	78.8	79.3	79.4	79.4	79.6	79.6	79.7	79.7
GE 16000	60.6	65.6	73.1	77.0	78.1	78.3	78.8	78.8	78.8	79.3	79.4	79.4	79.6	79.6	79.7	79.7
GE 14000	60.6	65.6	73.1	77.0	78.1	78.3	78.8	78.8	78.8	79.3	79.4	79.4	79.6	79.6	79.7	79.7
GE 12000	61.1	66.1	73.7	77.7	78.8	79.0	79.4	79.4	79.4	80.0	80.1	80.1	80.2	80.2	80.3	80.3
GE 10000	63.6	68.7	76.3	80.3	81.4	81.7	82.1	82.2	82.2	82.9	83.0	83.0	83.1	83.1	83.2	83.2
GE 9000	65.7	70.8	78.4	82.4	83.6	83.8	84.2	84.3	84.3	85.0	85.1	85.1	85.2	85.2	85.3	85.3
GE 8000	67.1	72.6	80.6	84.8	85.9	86.1	86.5	86.7	86.7	87.4	87.6	87.6	87.7	87.7	87.8	87.8
GE 7000	68.7	74.2	82.2	86.4	87.6	87.8	88.2	88.3	88.3	89.1	89.2	89.2	89.3	89.3	89.4	89.4
GE 6000	69.0	74.7	82.7	86.9	88.0	88.2	88.7	88.8	88.8	89.6	89.7	89.7	89.8	89.8	89.9	89.9
GE 5000	70.0	75.7	83.7	88.0	89.1	89.3	89.3	89.9	89.9	90.7	90.8	90.8	90.9	90.9	91.0	91.0
GE 4500	70.2	75.9	83.9	88.2	89.3	89.6	90.0	90.1	90.1	90.9	91.0	91.0	91.1	91.1	91.2	91.2
GE 4000	70.2	76.0	84.1	88.4	89.5	89.8	90.2	90.3	90.3	91.1	91.2	91.2	91.3	91.3	91.4	91.4
GE 3500	71.0	76.8	84.9	89.3	90.4	90.7	91.1	91.2	91.2	92.0	92.1	92.1	92.2	92.2	92.3	92.3
GE 3000	71.4	77.3	85.4	89.9	91.0	91.2	91.7	91.8	91.8	92.6	92.7	92.7	92.8	92.8	92.9	92.9
GE 2500	71.7	77.6	85.7	90.1	91.2	91.4	91.9	92.0	92.0	92.8	92.9	92.9	93.0	93.0	93.1	93.1
GE 2000	72.4	78.3	86.7	91.1	92.2	92.4	92.9	93.0	93.0	93.8	93.9	93.9	94.0	94.0	94.1	94.1
GE 1800	72.9	78.8	87.1	91.6	92.7	92.9	93.3	93.4	93.4	94.2	94.3	94.3	94.4	94.4	94.6	94.6
GE 1500	73.0	79.0	87.4	91.9	93.0	93.2	93.8	93.9	93.9	94.7	94.8	94.8	94.9	94.9	95.0	95.0
GE 1200	73.2	79.2	87.8	92.7	93.8	94.0	94.8	94.9	94.9	95.7	95.8	95.8	95.9	95.9	96.0	96.0
GE 1000	73.2	79.4	88.1	93.0	94.1	94.3	95.1	95.2	95.2	96.0	96.1	96.1	96.2	96.2	96.3	96.3
GE 900	73.7	80.3	89.0	94.0	95.2	95.4	96.2	96.3	96.3	97.1	97.2	97.2	97.3	97.3	97.4	97.4
GE 800	73.7	80.4	89.1	94.1	95.4	95.7	96.4	96.6	96.6	97.3	97.4	97.4	97.6	97.6	97.7	97.7
GE 700	73.9	80.8	89.4	94.4	95.9	96.1	96.9	97.0	97.0	97.8	97.9	97.9	98.0	98.0	98.1	98.1
GE 600	74.0	80.9	89.6	94.7	96.1	96.3	97.1	97.2	97.2	98.0	98.1	98.1	98.2	98.2	98.3	98.3
GE 500	74.0	80.9	89.6	94.9	96.3	96.6	97.3	97.4	97.4	98.2	98.3	98.3	98.4	98.4	98.6	98.6
GE 400	74.3	81.2	89.9	95.2	96.8	97.0	97.6	97.9	97.9	98.7	98.8	98.8	98.9	98.9	99.0	99.0
GE 300	74.6	81.4	90.2	95.7	97.2	97.4	98.2	98.3	98.3	99.1	99.2	99.2	99.3	99.3	99.4	99.4
GE 200	74.7	81.6	90.3	95.8	97.4	97.7	98.4	98.6	98.6	99.4	99.6	99.6	99.7	99.7	99.8	99.8
GE 100	74.7	81.6	90.3	95.8	97.4	97.7	98.4	98.6	98.6	99.4	99.6	99.6	99.7	99.7	99.8	99.8
GE 000	74.7	81.6	90.3	95.8	97.4	97.7	98.4	98.6	98.6	99.4	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.7	45.4	53.8	57.6	60.2	60.9	62.8	63.3	63.3	63.9	64.0	64.0	64.4	64.4	64.6	64.6
GE 20000	43.9	56.0	65.1	69.7	72.7	73.3	75.6	76.4	76.4	77.1	77.2	77.2	77.8	77.8	78.0	78.0
GE 18000	43.9	56.0	65.1	69.7	72.7	73.3	75.6	76.4	76.4	77.1	77.2	77.2	77.8	77.8	78.0	78.0
GE 16000	43.9	56.0	65.1	69.7	72.7	73.3	75.6	76.4	76.4	77.1	77.2	77.2	77.8	77.8	78.0	78.0
GE 14000	44.2	56.4	65.6	70.1	73.1	73.8	76.0	76.9	76.9	77.6	77.7	77.7	78.2	78.2	78.4	78.4
GE 12000	44.9	57.1	66.3	70.9	74.0	74.7	76.9	77.9	77.9	78.6	78.7	78.7	79.2	79.2	79.4	79.4
GE 10000	46.9	59.4	68.9	73.8	76.9	77.8	80.1	81.1	81.1	81.8	81.9	81.9	82.4	82.4	82.7	82.7
GE 9000	48.6	61.7	71.3	76.2	79.3	80.2	82.6	83.6	83.6	84.2	84.3	84.3	84.9	84.9	85.1	85.1
GE 8000	50.3	64.3	74.3	79.2	82.3	83.3	85.7	86.7	86.7	87.3	87.4	87.4	88.0	88.0	88.2	88.2
GE 7000	51.6	65.6	75.6	80.4	83.6	84.6	86.9	88.0	88.0	88.7	88.8	88.8	89.3	89.3	89.6	89.6
GE 6000	51.7	65.7	75.7	80.6	83.8	84.8	87.1	88.2	88.2	88.9	89.0	89.0	89.6	89.6	89.8	89.8
GE 5000	51.8	66.1	76.1	81.0	84.2	85.2	87.5	88.7	88.7	89.3	89.4	89.4	90.0	90.0	90.2	90.2
GE 4500	52.0	66.3	76.3	81.2	84.4	85.4	87.8	88.9	88.9	89.6	89.7	89.7	90.2	90.2	90.4	90.4
GE 4000	52.6	67.1	77.1	82.0	85.2	86.2	88.5	89.7	89.7	90.3	90.4	90.4	91.0	91.0	91.2	91.2
GE 3500	52.9	67.4	77.7	82.6	85.8	86.8	89.1	90.2	90.2	90.9	91.0	91.0	91.6	91.6	91.8	91.8
GE 3000	53.1	67.7	78.0	82.9	86.1	87.1	89.4	90.6	90.6	91.2	91.3	91.3	91.9	91.9	92.1	92.1
GE 2500	53.7	68.2	78.6	83.4	86.7	87.7	90.0	91.1	91.1	91.8	91.9	91.9	92.4	92.4	92.7	92.7
GE 2000	54.4	69.1	79.6	84.4	87.8	88.8	91.1	92.2	92.2	92.9	93.0	93.0	93.6	93.6	93.8	93.8
GE 1800	54.6	69.2	79.7	84.6	87.9	88.9	91.2	92.4	92.4	93.1	93.2	93.2	93.8	93.8	94.0	94.0
GE 1500	54.8	69.4	80.0	84.9	88.2	89.2	91.6	92.8	92.8	93.4	93.6	93.6	94.1	94.1	94.3	94.3
GE 1200	54.9	69.9	80.4	85.3	88.8	89.9	92.2	93.4	93.4	94.1	94.2	94.2	94.8	94.8	95.1	95.1
GE 1000	55.1	70.1	80.8	85.7	89.1	90.2	92.6	93.8	93.8	94.4	94.6	94.6	95.1	95.1	95.4	95.4
GE 900	55.3	70.4	81.1	86.0	89.4	90.6	93.0	94.4	94.4	95.1	95.2	95.2	95.8	95.8	96.1	96.1
GE 800	55.4	70.6	81.2	86.1	89.6	90.7	93.1	94.6	94.6	95.2	95.3	95.3	95.9	95.9	96.2	96.2
GE 700	55.7	70.9	81.8	86.8	90.2	91.3	93.3	95.2	95.2	95.9	96.0	96.0	96.6	96.6	96.9	96.9
GE 600	56.0	71.4	82.4	87.4	91.0	92.1	94.6	96.0	96.0	96.7	96.8	96.8	97.3	97.3	97.7	97.7
GE 500	56.0	71.4	82.6	87.8	91.3	92.4	95.0	96.4	96.4	97.1	97.2	97.2	97.8	97.8	98.1	98.1
GE 400	56.0	71.4	82.6	88.0	91.8	93.0	95.6	97.1	97.1	97.8	97.9	97.9	98.4	98.4	98.8	98.8
GE 300	56.0	71.4	82.6	88.0	92.0	93.2	96.0	97.6	97.6	98.3	98.4	98.4	99.0	99.0	99.3	99.3
GE 200	56.0	71.4	82.6	88.0	92.0	93.2	96.0	97.6	97.6	98.4	98.6	98.6	99.1	99.1	99.4	99.4
GE 100	56.0	71.4	82.6	88.0	92.0	93.2	96.0	97.6	97.6	98.4	98.7	98.7	99.2	99.2	99.6	99.6
GE 000	56.0	71.4	82.6	88.0	92.0	93.2	96.0	97.6	97.6	98.4	98.7	98.7	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.0	45.6	48.8	49.6	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 20000	54.6	60.2	64.1	65.2	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 18000	54.6	60.2	64.1	65.2	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	54.6	60.2	64.1	65.2	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000	54.8	60.4	64.4	65.6	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	55.7	61.3	65.4	66.6	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	58.1	64.2	68.3	69.6	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	60.2	66.3	70.7	72.0	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 8000	62.3	69.1	73.6	74.9	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 7000	63.2	69.6	74.0	75.3	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 6000	63.9	70.2	74.7	76.0	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 5000	64.2	70.7	75.1	76.4	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4500	64.9	71.3	75.8	77.1	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000	65.3	71.8	76.3	77.7	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	67.0	73.4	78.0	79.4	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	69.8	76.3	81.0	82.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2500	74.7	81.3	86.1	87.5	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000	79.0	86.0	90.9	92.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	80.7	87.8	92.7	94.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	82.4	89.6	94.4	96.3	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	83.2	90.4	95.4	97.3	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	83.7	90.9	95.9	97.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	83.7	90.9	95.9	97.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	83.7	90.9	95.9	97.9	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	83.7	90.9	95.9	97.9	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	83.8	91.1	96.1	98.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	83.8	91.1	96.1	98.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	83.8	91.1	96.1	98.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	83.8	91.1	96.1	98.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.8	91.1	96.1	98.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.8	91.1	96.1	98.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.8	91.1	96.1	98.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.1	36.8	39.1	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 20000	51.6	55.6	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 18000	51.6	55.6	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 16000	51.6	55.6	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 14000	51.9	55.9	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	52.3	56.4	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10000	55.1	59.7	62.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 9000	56.4	61.3	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 8000	58.9	64.0	66.9	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 7000	60.4	65.7	68.6	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	61.1	66.3	69.2	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 5000	61.4	66.7	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 4500	62.2	67.4	70.4	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	65.0	70.6	73.8	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	71.4	77.4	80.8	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3000	78.3	85.0	88.9	89.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	84.8	91.8	95.8	96.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	85.6	92.6	96.6	97.3	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	85.7	92.7	96.7	97.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	86.0	93.0	97.1	97.9	99.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 1200	86.1	93.1	97.2	98.0	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 1000	86.1	93.1	97.3	98.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 900	86.1	93.1	97.3	98.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 800	86.1	93.1	97.3	98.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 700	86.1	93.1	97.3	98.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	86.1	93.1	97.3	98.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	86.1	93.1	97.3	98.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	86.1	93.1	97.3	98.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	86.1	93.1	97.3	98.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	86.1	93.1	97.3	98.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	86.1	93.1	97.3	98.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	86.1	93.1	97.3	98.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.9	34.6	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 20000	55.9	58.6	61.0	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 18000	55.9	58.6	61.0	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 16000	55.9	58.6	61.0	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 14000	56.0	58.7	61.1	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 12000	56.7	59.3	62.1	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	60.6	63.2	66.1	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	64.4	67.2	70.1	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 8000	69.0	72.1	75.2	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	71.1	74.2	77.3	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 6000	71.7	74.8	77.9	78.1	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000	72.3	75.4	78.6	78.8	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4500	73.7	76.8	80.0	80.2	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4000	76.4	79.6	82.9	83.2	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 3500	83.4	86.7	90.4	91.0	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000	86.1	89.3	93.2	94.2	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	87.7	91.0	95.2	96.3	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	88.2	91.6	95.8	96.9	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	88.4	91.8	96.0	97.1	97.8	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	88.9	92.2	96.4	97.7	98.3	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1200	89.0	92.3	96.6	97.8	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 1000	89.1	92.6	96.8	98.0	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 900	89.1	92.6	96.8	98.0	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 800	89.1	92.6	96.8	98.1	98.9	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 700	89.1	92.6	96.8	98.1	98.9	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 600	89.1	92.6	96.8	98.1	98.9	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	89.1	92.6	96.8	98.1	98.9	99.0	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	89.1	92.6	96.8	98.1	98.9	99.0	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	89.1	92.6	96.8	98.1	98.9	99.0	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	89.1	92.6	96.8	98.1	98.9	99.0	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	89.1	92.6	96.8	98.1	98.9	99.0	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	89.1	92.6	96.8	98.1	98.9	99.0	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.8	35.4	36.8	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 20000	56.4	61.7	64.4	65.6	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 18000	56.4	61.7	64.4	65.6	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	56.4	61.7	64.4	65.6	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000	56.4	61.9	64.7	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 12000	57.2	62.8	65.8	66.9	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 10000	60.0	65.9	68.9	70.0	70.3	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 9000	63.8	69.8	72.8	73.9	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 8000	68.7	75.6	78.8	79.9	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	71.6	78.7	82.1	83.2	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000	71.9	79.1	82.6	83.7	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 5000	73.1	80.6	84.1	85.2	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4500	73.9	81.4	85.0	86.1	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4000	75.1	82.9	86.6	87.7	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	77.9	85.9	89.8	91.1	91.8	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000	80.6	88.9	93.0	94.3	95.0	95.2	95.3	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	81.3	89.9	94.1	95.4	96.1	96.3	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	82.0	90.7	94.9	96.2	97.2	97.4	97.7	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	82.1	90.8	95.0	96.3	97.3	97.6	97.9	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	82.2	90.9	95.1	96.4	97.4	97.7	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	82.2	90.9	95.1	96.4	97.6	97.9	98.1	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	82.3	91.0	95.3	96.7	97.8	98.0	98.3	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	82.3	91.0	95.3	96.7	97.8	98.0	98.3	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	82.4	91.1	95.6	96.9	98.0	98.2	98.6	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	82.4	91.1	95.6	96.9	98.0	98.2	98.6	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	82.4	91.1	95.6	96.9	98.0	98.2	98.6	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	82.4	91.1	95.7	97.2	98.3	98.6	98.9	99.0	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 400	82.4	91.1	95.7	97.2	98.3	98.6	98.9	99.0	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 300	82.4	91.1	95.7	97.2	98.3	98.6	98.9	99.0	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 200	82.4	91.1	95.7	97.2	98.3	98.6	98.9	99.0	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 100	82.4	91.1	95.7	97.2	98.3	98.6	98.9	99.0	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 000	82.4	91.1	95.7	97.2	98.3	98.6	98.9	99.0	99.1	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.3	50.2	52.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8
GE 20000	67.0	68.9	72.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6
GE 18000	67.0	68.9	72.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6
GE 16000	67.0	68.9	72.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6
GE 14000	67.0	68.9	72.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6
GE 12000	67.7	69.6	72.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2
GE 10000	71.2	73.3	76.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0
GE 9000	74.8	77.0	80.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
GE 8000	79.0	81.3	84.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
GE 7000	80.9	83.4	86.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6
GE 6000	81.0	83.6	87.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
GE 5000	81.7	84.2	87.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4
GE 4500	83.1	85.7	89.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
GE 4000	84.3	86.9	90.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
GE 3500	85.7	88.3	91.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
GE 3000	87.2	90.1	93.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 2500	88.4	91.6	95.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 2000	89.0	92.1	95.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 1800	89.3	92.4	96.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 1500	89.7	92.8	96.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 1200	90.2	93.4	97.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 1000	90.2	93.4	97.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 900	90.2	93.4	97.3	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 800	90.3	93.6	97.4	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 700	90.3	93.6	97.4	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 600	90.3	93.6	97.4	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 500	90.6	93.8	97.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	90.6	93.8	97.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	90.6	93.8	97.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	90.6	93.8	97.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	90.6	93.8	97.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	90.6	93.8	97.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.0	45.4	49.0	50.4	51.0	51.1	51.4	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.8	51.8
GE 20000	56.3	62.3	66.9	68.7	69.5	69.6	70.0	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.4
GE 18000	56.3	62.3	66.9	68.7	69.5	69.6	70.0	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.4
GE 16000	56.3	62.3	66.9	68.7	69.5	69.6	70.0	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.4
GE 14000	56.4	62.4	67.0	68.9	69.7	69.8	70.1	70.3	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70.6
GE 12000	57.0	63.1	67.8	69.7	70.5	70.6	71.0	71.1	71.1	71.3	71.3	71.3	71.4	71.4	71.4	71.4
GE 10000	59.7	66.1	70.9	72.8	73.6	73.8	74.2	74.3	74.3	74.5	74.5	74.5	74.6	74.6	74.7	74.7
GE 9000	62.2	68.9	73.8	75.7	76.5	76.6	77.0	77.1	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.5
GE 8000	65.3	72.4	77.5	79.5	80.3	80.5	80.9	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.4	81.4
GE 7000	66.8	74.1	79.2	81.2	82.0	82.2	82.6	82.8	82.8	83.0	83.0	83.0	83.1	83.1	83.1	83.1
GE 6000	67.3	74.5	79.7	81.7	82.5	82.7	83.1	83.2	83.2	83.4	83.5	83.5	83.6	83.6	83.6	83.6
GE 5000	67.8	75.2	80.4	82.3	83.2	83.4	83.8	83.9	83.9	84.1	84.1	84.1	84.3	84.3	84.3	84.3
GE 4500	68.6	76.0	81.2	83.2	84.0	84.2	84.6	84.8	84.8	85.0	85.0	85.0	85.1	85.1	85.2	85.2
GE 4000	69.8	77.3	82.6	84.6	85.5	85.7	86.0	86.2	86.2	86.4	86.4	86.4	86.5	86.5	86.6	86.6
GE 3500	72.5	80.1	85.6	87.7	88.7	88.9	89.3	89.4	89.4	89.6	89.7	89.7	89.8	89.8	89.8	89.8
GE 3000	74.7	82.5	88.1	90.3	91.3	91.5	91.9	92.1	92.1	92.3	92.4	92.4	92.5	92.5	92.5	92.5
GE 2500	76.7	84.7	90.4	92.6	93.7	93.9	94.3	94.5	94.5	94.7	94.7	94.7	94.8	94.8	94.9	94.9
GE 2000	77.8	85.9	91.6	93.8	95.0	95.2	95.7	95.8	95.9	96.1	96.1	96.1	96.2	96.2	96.3	96.3
GE 1800	78.2	86.3	92.0	94.3	95.5	95.7	96.2	96.3	96.4	96.6	96.6	96.6	96.7	96.7	96.8	96.8
GE 1500	78.8	86.8	92.6	94.9	96.1	96.3	96.8	97.1	97.1	97.3	97.3	97.3	97.5	97.5	97.5	97.5
GE 1200	79.0	87.2	93.0	95.3	96.6	96.8	97.4	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1
GE 1000	79.1	87.3	93.2	95.6	96.8	97.1	97.7	97.9	97.9	98.2	98.2	98.2	98.3	98.3	98.4	98.4
GE 900	79.3	87.5	93.4	95.8	97.1	97.3	97.9	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.7	98.7
GE 800	79.3	87.6	93.5	95.9	97.2	97.4	98.0	98.3	98.3	98.6	98.6	98.6	98.8	98.8	98.8	98.8
GE 700	79.4	87.7	93.6	96.1	97.3	97.6	98.2	98.4	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0
GE 600	79.5	87.8	93.8	96.2	97.5	97.8	98.3	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.1
GE 500	79.5	87.9	93.8	96.4	97.7	98.0	98.6	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 400	79.6	87.9	93.9	96.5	97.9	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6
GE 300	79.7	88.0	94.0	96.7	98.0	98.3	98.9	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8
GE 200	79.7	88.1	94.1	96.7	98.1	98.3	99.0	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 100	79.7	88.1	94.1	96.7	98.1	98.3	99.0	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 000	79.7	88.1	94.1	96.7	98.1	98.3	99.0	99.3	99.3	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.7	65.7	67.8	68.5	68.5	68.5	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 20000	67.7	81.6	84.3	85.1	85.1	85.1	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 18000	67.7	81.6	84.3	85.1	85.1	85.1	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 16000	67.7	81.6	84.3	85.1	85.1	85.1	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 14000	68.1	81.9	84.6	85.4	85.4	85.4	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 12000	68.7	82.8	85.5	86.2	86.2	86.2	86.2	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 10000	70.8	85.7	88.4	89.1	89.2	89.2	89.2	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 9000	73.4	88.9	91.8	92.6	92.7	92.7	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 8000	74.7	90.4	93.3	94.1	94.2	94.2	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 7000	75.3	91.2	94.1	94.8	94.9	94.9	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 6000	75.4	91.3	94.2	94.9	95.1	95.1	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 5000	75.7	91.6	94.5	95.3	95.4	95.4	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4500	75.7	91.6	94.5	95.3	95.4	95.4	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4000	76.3	92.4	95.4	96.1	96.2	96.2	96.2	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3500	76.6	92.7	95.8	96.6	96.7	96.7	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	76.9	93.1	96.2	97.1	97.2	97.2	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	77.1	93.3	96.5	97.3	97.4	97.4	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	77.2	93.4	96.6	97.4	97.5	97.5	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	77.2	93.5	96.7	97.5	97.6	97.6	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	77.4	94.0	97.1	98.0	98.1	98.1	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	77.5	94.2	97.3	98.3	98.4	98.4	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	77.5	94.2	97.3	98.3	98.4	98.4	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	77.5	94.2	97.3	98.3	98.4	98.4	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	77.6	94.3	97.4	98.4	98.5	98.5	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	77.6	94.3	97.4	98.4	98.5	98.5	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	77.8	94.5	97.6	98.6	98.7	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	78.0	94.6	97.7	98.7	98.8	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	78.0	94.6	97.7	98.7	98.9	98.9	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	78.0	94.6	97.7	98.3	99.1	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	78.0	94.6	97.7	98.9	99.2	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.0	94.6	97.7	98.9	99.2	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.0	94.6	97.7	98.9	99.2	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.1	70.4	75.1	79.0	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 20000	76.0	81.3	87.4	90.3	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4
GE 18000	76.0	81.3	87.4	90.3	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4
GE 16000	76.0	81.3	87.4	90.3	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4
GE 14000	76.1	81.4	87.5	90.4	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.5	91.5
GE 12000	77.1	82.4	88.5	91.4	92.2	92.2	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7
GE 10000	78.3	83.5	89.7	92.6	93.3	93.3	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	94.0	94.0
GE 9000	80.4	85.7	91.8	94.7	95.5	95.5	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.1
GE 8000	81.0	86.2	92.4	95.4	96.2	96.2	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9
GE 7000	81.3	86.6	92.7	95.7	96.6	96.6	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.2
GE 6000	81.4	86.7	92.8	95.8	96.7	96.7	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.3	97.3
GE 5000	81.6	86.9	93.0	96.0	96.9	96.9	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.5	97.5
GE 4500	81.8	87.1	93.2	96.2	97.1	97.1	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7
GE 4000	81.8	87.1	93.2	96.2	97.1	97.1	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7
GE 3500	81.9	87.2	93.3	96.3	97.2	97.2	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8
GE 3000	82.3	87.5	93.8	96.8	97.6	97.6	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 2500	82.5	87.7	94.0	97.0	97.8	97.8	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 2000	82.5	87.7	94.0	97.0	97.8	97.8	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 1800	82.5	87.7	94.0	97.0	97.8	97.8	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 1500	82.5	87.7	94.0	97.0	97.8	97.8	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 1200	82.6	87.8	94.1	97.1	98.0	98.0	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6
GE 1000	82.6	87.8	94.2	97.3	98.2	98.2	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 900	82.6	87.8	94.2	97.3	98.2	98.2	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 800	82.6	87.8	94.2	97.3	98.2	98.2	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 700	82.6	87.8	94.2	97.3	98.2	98.2	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 600	82.7	88.0	94.3	97.4	98.3	98.3	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 500	82.7	88.0	94.3	97.4	98.3	98.3	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 400	82.8	88.1	94.4	97.5	98.4	98.5	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4
GE 300	82.8	88.1	94.4	97.5	98.4	98.5	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4
GE 200	82.8	88.1	94.4	97.6	98.5	98.6	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 100	82.8	88.1	94.4	97.6	98.5	98.6	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.7	99.7
GE 000	82.8	88.1	94.4	97.6	98.5	98.6	99.2	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.7	60.1	66.1	69.5	71.5	72.6	74.7	75.2	75.2	75.4	75.4	75.5	75.6	75.6	75.6	75.6
GE 20000	59.7	70.1	77.3	81.1	83.3	84.4	87.3	87.8	87.8	88.2	88.3	88.4	88.5	88.5	88.5	88.5
GE 18000	59.7	70.1	77.3	81.1	83.3	84.4	87.3	87.8	87.8	88.2	88.3	88.4	88.5	88.5	88.5	88.5
GE 16000	59.7	70.1	77.3	81.1	83.3	84.4	87.3	87.8	87.8	88.2	88.3	88.4	88.5	88.5	88.5	88.5
GE 14000	60.0	70.4	77.6	81.4	83.7	84.7	87.6	88.2	88.2	88.5	88.6	88.7	88.8	88.8	88.8	88.8
GE 12000	61.2	71.8	79.1	82.9	85.2	86.2	89.2	89.8	89.8	90.1	90.2	90.3	90.4	90.4	90.4	90.4
GE 10000	62.0	72.9	80.4	84.2	86.6	87.6	90.8	91.3	91.3	91.6	91.7	91.8	91.9	91.9	91.9	91.9
GE 9000	63.5	74.9	82.6	86.5	88.9	90.0	93.2	93.9	93.9	94.2	94.3	94.4	94.5	94.5	94.5	94.5
GE 8000	64.8	76.6	84.3	88.2	90.8	91.8	95.1	95.7	95.7	96.0	96.1	96.2	96.3	96.3	96.3	96.3
GE 7000	64.8	76.8	84.6	88.5	91.1	92.2	95.4	96.0	96.0	96.3	96.5	96.6	96.7	96.7	96.7	96.7
GE 6000	65.3	77.3	85.2	89.0	91.6	92.7	95.9	96.6	96.6	96.9	97.0	97.1	97.2	97.2	97.2	97.2
GE 5000	65.6	77.6	85.5	89.4	91.9	93.0	96.2	96.9	96.9	97.2	97.3	97.4	97.5	97.5	97.5	97.5
GE 4500	65.8	77.8	85.7	89.6	92.2	93.2	96.5	97.1	97.1	97.4	97.5	97.6	97.7	97.7	97.7	97.7
GE 4000	65.8	77.8	85.7	89.6	92.2	93.2	96.5	97.1	97.1	97.4	97.5	97.6	97.7	97.7	97.7	97.7
GE 3500	65.8	77.8	85.7	89.6	92.2	93.2	96.5	97.1	97.1	97.4	97.5	97.6	97.7	97.7	97.7	97.7
GE 3000	66.0	78.1	85.9	89.8	92.5	93.5	96.8	97.4	97.4	97.7	97.8	98.0	98.1	98.1	98.1	98.1
GE 2500	66.1	78.2	86.0	89.9	92.6	93.7	96.9	97.5	97.5	97.8	98.0	98.1	98.2	98.2	98.2	98.2
GE 2000	66.2	78.3	86.1	90.0	92.7	93.8	97.0	97.6	97.6	98.0	98.1	98.2	98.3	98.3	98.3	98.3
GE 1800	66.2	78.3	86.1	90.0	92.7	93.8	97.0	97.6	97.6	98.0	98.1	98.2	98.3	98.3	98.3	98.3
GE 1500	66.3	78.4	86.2	90.1	92.9	94.0	97.2	97.8	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.5
GE 1200	66.3	78.4	86.2	90.1	92.9	94.0	97.2	97.3	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.5
GE 1000	66.3	78.4	86.2	90.1	92.9	94.0	97.2	97.8	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.5
GE 900	66.3	78.4	86.2	90.1	92.9	94.0	97.2	97.8	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.5
GE 800	66.5	78.5	86.3	90.2	93.0	94.1	97.3	98.0	98.0	98.3	98.4	98.5	98.6	98.6	98.6	98.6
GE 700	66.5	78.5	86.3	90.2	93.0	94.1	97.3	98.0	98.0	98.3	98.4	98.5	98.6	98.6	98.6	98.6
GE 600	66.5	78.5	86.3	90.2	93.0	94.1	97.4	98.2	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.8
GE 500	66.5	78.5	86.3	90.3	93.1	94.2	97.6	98.4	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0
GE 400	66.5	78.5	86.3	90.3	93.1	94.2	97.6	98.5	98.5	98.8	98.9	99.0	99.1	99.1	99.1	99.1
GE 300	66.5	78.5	86.3	90.3	93.1	94.2	97.6	98.6	98.6	98.9	99.0	99.1	99.2	99.2	99.2	99.2
GE 200	66.5	78.5	86.3	90.3	93.1	94.2	97.6	98.6	98.6	98.9	99.0	99.1	99.2	99.2	99.4	99.4
GE 100	66.5	78.5	86.3	90.3	93.1	94.2	97.6	98.6	98.6	98.9	99.0	99.1	99.4	99.4	99.6	99.7
GE 000	66.5	78.5	86.3	90.3	93.1	94.2	97.6	98.6	98.6	98.9	99.0	99.1	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.5	54.7	58.1	58.9	59.2	59.2	59.2	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	66.7	72.4	76.2	77.3	78.0	78.0	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 18000	66.8	72.5	76.3	77.4	78.1	78.1	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 16000	66.8	72.5	76.3	77.4	78.1	78.1	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 14000	67.2	72.9	76.8	77.8	78.5	78.5	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 12000	69.7	75.4	79.2	80.3	81.1	81.1	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 10000	72.3	78.1	81.9	83.0	83.8	83.8	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 9000	73.8	79.7	83.5	84.6	85.4	85.4	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 8000	74.9	81.0	84.9	86.0	86.8	86.8	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 7000	75.5	81.5	85.6	86.7	87.4	87.4	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 6000	75.8	81.8	85.9	87.0	87.7	87.7	87.7	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 5000	75.8	81.8	85.9	87.0	87.7	87.7	87.7	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4500	75.9	81.9	86.0	87.1	87.8	87.8	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	76.1	82.2	86.2	87.3	88.1	88.1	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	77.0	83.0	87.2	88.3	89.0	89.0	89.0	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3000	80.4	86.6	90.9	91.9	92.7	92.7	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	83.3	89.6	94.0	95.1	95.8	95.8	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	84.7	91.0	95.6	96.8	97.5	97.5	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	84.9	91.2	95.8	97.0	97.7	97.7	97.7	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	85.5	91.7	96.7	98.0	98.7	98.7	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	85.5	91.7	96.7	98.1	98.8	98.8	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	85.5	91.7	96.7	98.1	98.8	98.8	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	85.6	91.8	96.8	98.2	98.9	98.9	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	85.6	91.8	96.8	98.2	98.9	98.9	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	85.6	91.8	96.8	98.2	98.9	98.9	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	85.6	91.8	96.8	98.2	98.9	98.9	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	85.6	91.8	96.8	98.2	98.9	98.9	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	85.6	91.8	96.8	98.2	98.9	98.9	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	85.6	91.8	96.8	98.2	98.9	98.9	98.9	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	85.6	91.8	96.8	98.2	98.9	98.9	98.9	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	85.6	91.8	96.8	98.2	98.9	98.9	98.9	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	85.6	91.8	96.8	98.2	98.9	98.9	98.9	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.3	39.0	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 20000	54.5	60.3	63.1	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 18000	54.5	60.4	63.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	54.5	60.4	63.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	54.9	60.9	63.7	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 12000	57.1	63.1	65.9	66.0	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 10000	59.5	65.9	68.7	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 9000	62.4	68.8	71.6	71.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 8000	62.9	69.8	72.6	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	64.1	71.2	74.0	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	64.3	71.5	74.4	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 5000	64.7	72.0	75.1	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4500	64.8	72.2	75.2	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4000	66.8	74.5	77.5	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3500	73.8	82.3	85.6	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000	80.1	89.4	93.1	93.3	94.1	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	82.7	92.0	95.9	96.3	97.1	97.2	97.4	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	83.1	92.6	96.5	97.1	97.8	98.0	98.2	98.5	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 1800	83.3	92.8	96.7	97.3	98.1	98.2	98.4	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1500	83.4	92.9	96.8	97.5	98.3	98.4	98.6	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 1200	83.4	93.0	96.9	97.6	98.4	98.5	98.7	99.0	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 1000	83.4	93.0	96.9	97.6	98.4	98.5	98.7	99.0	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 900	83.4	93.0	96.9	97.6	98.4	98.5	98.7	99.0	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 800	83.4	93.0	96.9	97.6	98.4	98.5	98.7	99.0	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 700	83.4	93.0	96.9	97.6	98.4	98.5	98.7	99.0	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 600	83.4	93.0	96.9	97.6	98.4	98.5	98.7	99.0	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	83.4	93.0	96.9	97.6	98.4	98.5	98.7	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	83.4	93.0	96.9	97.6	98.4	98.5	98.7	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	83.4	93.0	96.9	97.6	98.4	98.5	98.8	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	83.4	93.0	96.9	97.6	98.4	98.5	98.8	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	83.4	93.0	96.9	97.6	98.4	98.5	98.8	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	83.4	93.0	96.9	97.6	98.4	98.5	98.8	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 76 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.4	25.3	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 20000	51.6	55.5	57.4	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	51.6	55.5	57.4	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	51.6	55.5	57.4	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 14000	51.9	55.9	57.8	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 12000	53.4	57.4	59.4	59.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 10000	56.2	60.4	62.8	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 9000	60.6	65.2	67.5	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 8000	63.4	68.0	70.4	71.0	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 7000	64.9	69.8	72.4	72.9	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 6000	65.2	70.1	72.8	73.3	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	65.8	70.8	73.5	74.2	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4500	66.8	71.8	74.7	75.4	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	71.9	77.2	80.6	81.3	81.9	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	76.8	82.2	85.9	86.6	87.2	87.2	87.4	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	81.4	87.2	91.8	93.0	93.9	93.9	94.1	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	83.1	88.9	93.9	95.2	96.2	96.3	96.7	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	83.2	89.0	94.0	95.3	96.3	96.5	96.9	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	83.4	89.2	94.2	95.6	96.7	96.8	97.3	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	83.5	89.4	94.3	95.7	96.8	97.0	97.5	97.6	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	83.7	89.5	94.4	95.9	97.0	97.2	97.7	97.9	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	83.7	89.5	94.4	95.9	97.1	97.3	98.0	98.1	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	83.7	89.5	94.4	95.9	97.2	97.4	98.1	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	83.9	89.7	94.6	96.1	97.4	97.6	98.3	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	83.9	89.7	94.6	96.1	97.4	97.6	98.3	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	83.9	89.7	94.6	96.1	97.4	97.6	98.3	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	83.9	89.7	94.6	96.1	97.5	97.7	98.4	98.5	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	83.9	89.7	94.6	96.1	97.5	97.7	98.4	98.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	83.9	89.7	94.6	96.1	97.5	97.7	98.4	98.7	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	83.9	89.7	94.6	96.1	97.5	97.7	98.4	98.7	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	83.9	89.7	94.6	96.1	97.5	97.7	98.4	98.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.9	89.7	94.6	96.1	97.5	97.7	98.4	98.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.2	28.2	29.4	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 20000	54.0	60.3	62.4	63.1	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 18000	54.0	60.3	62.4	63.1	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 16000	54.0	60.3	62.4	63.1	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 14000	54.3	60.6	62.7	63.8	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 12000	55.5	61.8	64.1	65.2	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000	60.0	67.1	70.1	71.3	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000	65.7	73.7	76.9	78.1	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 8000	69.5	78.3	81.6	82.8	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 7000	71.4	80.5	84.0	85.2	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 6000	71.5	80.6	84.1	85.3	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 5000	72.3	81.7	85.2	86.3	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	72.7	82.2	85.6	86.8	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000	75.3	84.8	88.5	89.7	90.2	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3500	77.0	87.0	90.6	91.9	92.6	92.6	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	79.1	89.7	93.5	95.3	96.1	96.1	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	80.0	90.8	94.6	96.5	97.4	97.4	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	80.3	91.2	95.1	97.0	98.1	98.1	98.5	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	80.3	91.2	95.2	97.1	98.2	98.2	98.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	80.3	91.3	95.3	97.2	98.4	98.4	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	80.5	91.6	95.6	97.5	98.7	98.7	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	80.5	91.6	95.6	97.5	98.7	98.7	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	80.5	91.6	95.6	97.5	98.7	98.7	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	80.5	91.6	95.6	97.5	98.7	98.7	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	80.6	91.7	95.7	97.6	98.8	98.8	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	80.6	91.7	95.7	97.6	98.8	98.9	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	80.6	91.8	95.8	97.7	98.9	99.0	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	80.6	91.8	95.8	97.7	98.9	99.0	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	80.6	91.8	95.9	97.8	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.6	91.8	95.9	97.8	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.6	91.8	95.9	97.8	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	80.6	91.8	95.9	97.8	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.5	52.2	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 20000	73.2	77.6	80.4	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 18000	73.2	77.6	80.4	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 16000	73.2	77.6	80.4	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 14000	73.4	78.0	80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 12000	74.5	79.0	81.9	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 10000	77.1	81.7	84.9	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 9000	81.4	86.1	89.4	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 8000	83.3	88.2	91.4	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 7000	84.5	89.4	92.6	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 6000	84.8	89.7	92.9	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 5000	85.2	90.0	93.2	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4500	85.2	90.0	93.2	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4000	86.0	91.1	94.3	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3500	86.9	92.2	95.8	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	87.3	92.6	96.2	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	88.1	93.3	97.1	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	88.3	93.5	97.3	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	88.4	93.7	97.4	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	88.5	93.8	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	88.5	93.9	97.6	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	88.5	93.9	97.6	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	88.5	93.9	97.6	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	88.6	94.0	97.7	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	88.6	94.0	97.7	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	88.7	94.1	97.8	98.8	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	88.7	94.1	97.8	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	88.9	94.3	98.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	88.9	94.3	98.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	88.9	94.3	98.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.9	94.3	98.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.9	94.3	98.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.7	49.4	52.2	53.2	53.7	53.8	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3
GE 20000	62.9	69.9	73.6	74.8	75.4	75.6	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 18000	62.9	69.9	73.6	74.8	75.5	75.6	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3
GE 16000	62.9	69.9	73.6	74.8	75.5	75.6	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3
GE 14000	63.3	70.3	74.0	75.2	75.9	76.0	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.7
GE 12000	64.7	71.7	75.5	76.7	77.4	77.6	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 10000	67.0	74.4	78.4	79.7	80.4	80.6	81.0	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 9000	70.2	77.9	81.9	83.3	84.0	84.2	84.6	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 8000	71.8	79.8	83.9	85.3	86.0	86.2	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 7000	72.7	80.9	85.0	86.4	87.2	87.3	87.8	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1
GE 6000	73.0	81.1	85.3	86.7	87.5	87.6	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4
GE 5000	73.3	81.6	85.7	87.1	87.9	88.1	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	73.6	81.8	86.0	87.4	88.2	88.4	88.5	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4000	75.0	83.4	87.7	89.1	89.9	90.0	90.5	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3500	77.0	85.5	90.0	91.4	92.2	92.4	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	79.2	88.0	92.7	94.3	95.2	95.3	95.8	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.3
GE 2500	80.4	89.2	94.0	95.6	96.6	96.7	97.3	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 2000	80.7	89.6	94.4	96.1	97.0	97.2	97.5	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3
GE 1800	80.8	89.7	94.5	96.2	97.2	97.3	97.9	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 1500	80.9	89.9	94.7	96.5	97.4	97.6	98.2	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 1200	81.0	90.0	94.9	96.6	97.6	97.8	98.4	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	81.0	90.0	94.9	96.7	97.7	97.8	98.5	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	81.0	90.0	94.9	96.7	97.7	97.9	98.5	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	81.1	90.1	94.9	96.7	97.8	97.9	98.6	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	81.1	90.1	95.0	96.8	97.8	98.0	98.6	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	81.2	90.2	95.0	96.8	97.8	98.0	98.7	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 500	81.2	90.2	95.0	96.9	97.9	98.1	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	81.2	90.2	95.1	96.9	98.0	98.2	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	81.2	90.2	95.1	96.9	98.0	98.2	98.9	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.8	99.8
GE 200	81.2	90.2	95.1	97.0	98.1	98.3	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	81.2	90.2	95.1	97.0	98.1	98.3	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 000	81.2	90.2	95.1	97.0	98.1	98.3	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.1	58.8	61.3	61.3	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 20000	66.9	81.3	84.1	84.3	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 18000	66.9	81.3	84.1	84.3	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 16000	66.9	81.3	84.1	84.3	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 14000	66.9	81.3	84.1	84.3	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 12000	67.2	81.8	84.6	84.8	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 10000	69.2	84.0	86.8	87.0	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 9000	71.8	87.0	89.8	90.0	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 8000	74.5	90.2	93.0	93.2	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 7000	75.8	91.7	94.5	94.7	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 6000	75.9	91.8	94.6	94.8	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 5000	76.2	92.4	95.2	95.4	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4500	76.5	92.7	95.5	95.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4000	76.8	93.1	95.9	96.1	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	77.1	93.4	96.2	96.5	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3000	77.3	93.7	96.5	96.7	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	77.5	94.1	96.9	97.1	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	77.8	94.5	97.3	97.5	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	78.1	94.7	97.5	97.7	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	78.4	95.1	97.8	98.1	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	78.5	95.2	98.0	98.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	78.6	95.3	98.1	98.3	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	78.7	95.4	98.2	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	78.9	95.6	98.4	98.6	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	79.0	95.7	98.5	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	79.0	95.7	98.5	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	79.0	95.7	98.5	98.8	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	79.0	95.7	98.6	98.9	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	79.0	95.7	98.6	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.0	95.7	98.6	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.0	95.7	98.6	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.0	95.7	98.6	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.8	67.5	71.9	72.9	74.0	74.0	74.3	74.5	74.5	74.5	74.5	74.5	74.8	74.8	74.9	74.9
GE 20000	76.3	80.5	85.5	87.4	88.5	88.5	88.9	89.1	89.1	89.2	89.4	89.4	89.7	89.7	89.8	89.8
GE 18000	76.3	80.5	85.5	87.4	88.5	88.5	88.9	89.1	89.1	89.2	89.4	89.4	89.7	89.7	89.8	89.8
GE 16000	76.3	80.5	85.5	87.4	88.5	88.5	88.9	89.1	89.1	89.2	89.4	89.4	89.7	89.7	89.8	89.8
GE 14000	76.5	80.6	85.6	87.5	88.6	88.6	89.0	89.2	89.2	89.4	89.5	89.5	89.8	89.8	89.9	89.9
GE 12000	76.6	80.8	85.7	87.6	88.7	88.7	89.4	89.6	89.6	89.7	89.8	89.8	90.1	90.1	90.2	90.2
GE 10000	77.6	81.8	86.8	88.7	89.8	89.8	90.5	90.8	90.8	90.9	91.0	91.0	91.3	91.3	91.4	91.4
GE 9000	79.5	83.7	88.7	90.8	91.8	91.8	92.6	92.8	92.8	92.9	93.0	93.0	93.3	93.3	93.4	93.4
GE 8000	81.1	85.3	90.5	92.7	93.8	93.8	94.5	94.7	94.7	94.8	94.9	94.9	95.3	95.3	95.4	95.4
GE 7000	81.5	85.7	91.0	93.1	94.2	94.2	94.9	95.2	95.2	95.3	95.4	95.4	95.7	95.7	95.8	95.8
GE 6000	81.5	85.7	91.0	93.1	94.2	94.2	94.9	95.2	95.2	95.3	95.4	95.4	95.7	95.7	95.8	95.8
GE 5000	82.3	86.5	91.8	94.0	95.1	95.1	95.8	96.0	96.0	96.1	96.2	96.2	96.6	96.6	96.7	96.7
GE 4500	82.6	86.8	92.2	94.3	95.4	95.4	96.1	96.3	96.3	96.5	96.6	96.6	96.9	96.9	97.0	97.0
GE 4000	83.0	87.2	92.6	94.7	95.8	95.8	96.5	96.8	96.8	96.9	97.0	97.0	97.3	97.3	97.4	97.4
GE 3500	83.2	87.4	92.8	94.9	96.0	96.0	96.8	97.0	97.0	97.1	97.2	97.2	97.5	97.5	97.6	97.6
GE 3000	83.5	87.7	93.2	95.4	96.5	96.5	97.2	97.4	97.4	97.5	97.6	97.6	98.0	98.0	98.1	98.1
GE 2500	83.5	87.7	93.2	95.4	96.5	96.5	97.2	97.4	97.4	97.5	97.6	97.6	98.0	98.0	98.1	98.1
GE 2000	83.5	87.7	93.2	95.4	96.5	96.5	97.2	97.4	97.4	97.5	97.6	97.6	98.0	98.0	98.1	98.1
GE 1800	83.7	87.8	93.3	95.5	96.6	96.6	97.3	97.5	97.5	97.6	97.7	97.7	98.1	98.1	98.2	98.2
GE 1500	83.9	88.1	93.5	95.7	96.8	96.8	97.5	97.7	97.7	97.8	98.0	98.0	98.3	98.3	98.4	98.4
GE 1200	84.1	88.3	93.8	95.9	97.0	97.0	97.7	98.0	98.0	98.1	98.2	98.2	98.5	98.5	98.6	98.6
GE 1000	84.1	88.3	93.8	95.9	97.0	97.0	97.7	98.0	98.0	98.1	98.2	98.2	98.5	98.5	98.6	98.6
GE 900	84.3	88.5	94.0	96.1	97.2	97.2	98.0	98.2	98.2	98.3	98.4	98.4	98.7	98.7	98.8	98.8
GE 800	84.4	88.6	94.1	96.2	97.3	97.3	98.1	98.3	98.3	98.4	98.5	98.5	98.8	98.8	98.9	98.9
GE 700	84.4	88.6	94.1	96.2	97.3	97.3	98.1	98.3	98.3	98.4	98.5	98.5	98.8	98.8	98.9	98.9
GE 600	84.4	88.6	94.1	96.2	97.3	97.3	98.1	98.3	98.3	98.4	98.5	98.5	98.8	98.8	98.9	98.9
GE 500	84.6	88.8	94.3	96.5	97.5	97.5	98.3	98.5	98.5	98.6	98.7	98.7	99.0	99.0	99.1	99.1
GE 400	84.7	88.9	94.4	96.6	97.6	97.6	98.4	98.6	98.6	98.7	98.8	98.8	99.1	99.1	99.2	99.2
GE 300	84.7	88.9	94.5	96.7	97.7	97.7	98.5	98.7	98.7	98.8	98.9	98.9	99.2	99.2	99.4	99.4
GE 200	84.7	88.9	94.5	96.7	97.7	97.7	98.5	98.7	98.7	98.8	98.9	98.9	99.2	99.2	99.4	99.4
GE 100	84.7	88.9	94.5	96.7	97.7	97.7	98.5	98.7	98.7	98.8	98.9	98.9	99.5	99.5	99.8	99.8
GE 000	84.7	88.9	94.5	96.7	97.7	97.7	98.5	98.7	98.7	98.8	98.9	98.9	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.1	60.3	68.2	70.1	71.5	71.5	72.4	72.4	72.4	72.6	72.8	72.8	73.0	73.1	73.4	73.7
GE 20000	58.9	71.7	80.4	82.5	84.4	84.5	85.5	85.5	85.5	85.8	86.0	86.0	86.2	86.3	86.7	86.9
GE 18000	58.9	71.7	80.4	82.5	84.4	84.5	85.5	85.5	85.5	85.8	86.0	86.0	86.2	86.3	86.7	86.9
GE 16000	58.9	71.7	80.4	82.5	84.4	84.5	85.5	85.5	85.5	85.8	86.0	86.0	86.2	86.3	86.7	86.9
GE 14000	59.0	71.8	80.5	82.6	84.5	84.6	85.6	85.6	85.6	85.9	86.1	86.1	86.3	86.5	86.8	87.0
GE 12000	59.8	72.7	81.4	83.4	85.4	85.5	86.5	86.5	86.5	86.8	87.0	87.0	87.2	87.3	87.6	87.8
GE 10000	61.5	75.2	84.0	86.0	88.1	88.2	89.2	89.2	89.2	89.6	89.8	89.8	90.0	90.1	90.4	90.6
GE 9000	63.7	77.5	86.5	88.5	90.6	90.8	91.8	91.8	91.8	92.2	92.4	92.4	92.6	92.7	93.0	93.2
GE 8000	65.4	79.5	38.4	90.4	92.6	92.7	93.8	93.8	93.8	94.1	94.3	94.3	94.5	94.6	94.9	95.2
GE 7000	66.5	80.6	89.6	91.6	93.8	93.9	94.9	94.9	94.9	95.3	95.5	95.5	95.7	95.8	96.1	96.3
GE 6000	66.7	80.9	89.8	91.8	94.0	94.1	95.2	95.2	95.2	95.5	95.7	95.7	95.9	96.0	96.3	96.6
GE 5000	66.8	81.0	89.9	91.9	94.1	94.2	95.3	95.3	95.3	95.6	95.8	95.8	96.0	96.1	96.5	96.7
GE 4500	67.1	81.3	90.2	92.3	94.4	94.5	95.6	95.6	95.6	95.9	96.1	96.1	96.3	96.5	96.8	97.0
GE 4000	67.2	81.4	90.3	92.4	94.5	94.6	95.7	95.7	95.7	96.0	96.2	96.2	96.5	96.6	96.9	97.1
GE 3500	67.3	81.5	90.4	92.5	94.6	94.7	95.9	95.9	95.9	96.2	96.5	96.5	96.7	96.8	97.1	97.3
GE 3000	67.3	81.5	90.5	92.6	94.7	94.8	96.0	96.0	96.0	96.3	96.6	96.6	96.8	96.9	97.2	97.4
GE 2500	67.4	81.6	90.6	92.7	94.8	94.9	96.1	96.1	96.1	96.5	96.7	96.7	96.9	97.0	97.3	97.5
GE 2000	67.6	81.8	90.9	92.9	95.1	95.2	96.3	96.3	96.3	96.7	96.9	96.9	97.1	97.2	97.5	97.7
GE 1800	67.6	81.8	90.9	92.9	95.1	95.2	96.3	96.3	96.3	96.7	96.9	96.9	97.1	97.2	97.5	97.7
GE 1500	67.7	81.9	91.0	93.0	95.2	95.3	96.5	96.5	96.5	96.8	97.0	97.0	97.2	97.3	97.6	97.8
GE 1200	67.8	82.0	91.1	93.1	95.3	95.4	96.6	96.6	96.6	96.9	97.1	97.1	97.3	97.4	97.7	98.0
GE 1000	67.8	82.0	91.1	93.1	95.3	95.4	96.7	96.7	96.7	97.0	97.2	97.2	97.4	97.5	97.8	98.1
GE 900	68.0	82.3	91.3	93.3	95.5	95.6	96.9	96.9	96.9	97.2	97.4	97.4	97.6	97.7	98.1	98.3
GE 800	68.0	82.3	91.3	93.3	95.5	95.6	96.9	96.9	96.9	97.2	97.4	97.4	97.6	97.7	98.1	98.3
GE 700	68.2	82.5	91.5	93.5	95.7	95.8	97.1	97.1	97.1	97.4	97.6	97.6	97.8	98.0	98.3	98.5
GE 600	68.2	82.5	91.5	93.5	95.7	95.8	97.1	97.1	97.1	97.4	97.6	97.6	97.8	98.0	98.3	98.5
GE 500	68.3	82.7	91.8	93.9	96.0	96.1	97.5	97.5	97.5	97.8	98.1	98.1	98.3	98.4	98.7	98.9
GE 400	68.3	82.8	91.9	94.0	96.1	96.2	97.7	97.7	97.7	98.1	98.3	98.3	98.5	98.6	98.9	99.1
GE 300	68.3	82.8	91.9	94.0	96.1	96.2	97.7	97.8	97.8	98.2	98.4	98.4	98.6	98.7	99.0	99.2
GE 200	68.3	82.8	91.9	94.0	96.1	96.3	97.8	98.0	99.0	98.3	98.5	98.5	98.7	98.8	99.2	99.5
GE 100	68.3	82.8	91.9	94.0	96.1	96.3	97.8	98.0	98.0	98.3	98.6	98.6	98.9	99.0	99.6	99.8
GE 000	68.3	82.8	91.9	94.0	96.1	96.3	97.8	98.0	98.0	98.3	98.6	98.6	98.9	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.8	54.5	55.7	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	70.9	73.0	74.2	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	70.9	73.0	74.2	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	70.9	73.0	74.2	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 14000	71.2	73.3	74.5	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 12000	72.2	74.3	75.5	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 10000	74.7	76.9	78.1	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 9000	76.0	78.4	79.6	80.0	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 8000	78.0	80.3	81.5	81.9	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 7000	78.5	80.9	82.0	82.5	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 6000	78.7	81.1	82.3	82.7	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 5000	79.0	81.4	82.6	83.0	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4500	79.5	81.8	83.0	83.4	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	79.7	82.0	83.2	83.7	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3500	81.6	84.0	85.2	85.6	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	84.9	87.3	88.5	88.9	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2500	88.8	91.2	92.4	92.8	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	91.4	93.8	94.9	95.4	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	92.3	94.6	95.8	96.2	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	93.4	95.9	97.1	97.5	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	94.2	96.7	98.0	98.4	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 1000	94.2	96.9	98.2	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 900	94.3	97.0	98.3	98.7	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 800	94.4	97.1	98.4	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 700	94.4	97.1	98.4	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 600	94.4	97.1	98.4	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 500	94.4	97.1	98.4	98.8	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 400	94.4	97.1	98.4	98.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	94.4	97.1	98.4	98.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	94.4	97.1	98.4	98.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	94.4	97.1	98.4	98.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	94.4	97.1	98.4	98.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.6	34.9	36.0	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 20000	56.1	59.2	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000	56.1	59.2	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 16000	56.1	59.2	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 14000	56.2	59.4	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12000	57.1	60.3	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 10000	59.6	62.9	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 9000	61.6	64.9	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.6
GE 8000	63.1	66.7	68.2	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 7000	63.7	67.2	68.8	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	64.2	67.7	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	64.7	68.3	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	65.4	68.9	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	68.4	72.2	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 3500	77.8	82.4	84.9	85.4	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	84.2	89.1	92.2	92.8	93.2	93.3	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	87.4	92.7	95.7	96.5	97.1	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	88.3	93.5	96.6	97.3	98.1	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	88.4	93.7	96.7	97.4	98.2	98.3	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	88.4	93.8	96.8	97.5	98.3	98.4	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	88.4	93.8	96.9	97.6	98.5	98.6	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	88.4	93.8	96.9	97.6	98.7	98.8	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	88.4	93.8	96.9	97.6	98.7	98.8	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	88.4	93.8	96.9	97.6	98.7	98.8	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	88.4	93.8	96.9	97.6	98.7	98.8	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	88.4	93.8	96.9	97.6	98.7	98.8	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	88.4	93.8	96.9	97.6	98.7	98.8	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	88.4	93.8	96.9	97.6	98.7	98.8	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	88.4	93.8	96.9	97.6	98.7	98.8	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	88.4	93.8	96.9	97.6	98.7	98.8	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	88.4	93.8	96.9	97.6	98.7	98.8	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	88.4	93.8	96.9	97.6	98.7	98.8	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.5	24.5	25.6	25.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 20000	56.3	57.4	58.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	56.3	57.4	58.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	56.5	57.5	58.8	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 14000	56.6	57.6	58.9	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 12000	57.3	58.4	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 10000	61.8	63.0	64.6	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	65.8	67.2	68.8	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 8000	69.7	71.3	73.0	73.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 7000	71.5	73.4	75.2	75.5	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 6000	72.2	74.1	75.8	76.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 5000	73.2	75.2	76.9	77.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	73.7	75.6	77.3	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4000	77.4	79.6	81.6	82.2	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500	82.9	85.3	87.8	88.7	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	87.6	90.4	93.4	94.5	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	88.6	91.6	94.8	96.0	97.1	97.1	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000	88.9	92.2	95.6	96.8	97.8	97.8	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	88.9	92.2	95.6	96.8	97.8	97.8	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	89.1	92.5	95.9	97.2	98.3	98.3	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	89.5	92.8	96.2	97.5	98.6	98.6	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	89.5	92.8	96.2	97.5	98.6	98.6	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	89.5	92.8	96.2	97.6	98.7	98.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	89.6	93.0	96.6	98.0	99.0	99.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	89.6	93.0	96.6	98.1	99.1	99.1	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	89.7	93.1	96.7	98.2	99.2	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	89.7	93.1	96.7	98.2	99.2	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	89.7	93.1	96.7	98.2	99.2	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	89.7	93.1	96.7	98.2	99.2	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	89.7	93.1	96.7	98.2	99.2	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	89.7	93.1	96.7	98.2	99.2	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	89.7	93.1	96.7	98.2	99.2	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.5	24.3	25.2	25.3	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 20000	60.1	66.3	67.4	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 18000	60.1	66.3	67.4	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	60.1	66.3	67.4	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 14000	60.1	66.3	67.4	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 12000	61.3	67.6	68.7	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	66.7	73.9	74.9	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 9000	71.6	79.6	80.6	80.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 8000	75.4	84.2	85.3	85.4	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 7000	77.3	86.1	87.3	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 6000	77.6	86.6	87.7	87.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 5000	78.4	87.5	88.7	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 4500	78.9	88.1	89.2	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4000	80.4	89.7	91.0	91.1	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3500	81.8	91.4	93.0	93.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	83.2	93.0	94.9	95.1	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	84.1	93.9	95.9	96.1	97.2	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000	84.5	94.4	96.6	96.8	97.8	97.8	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	84.8	94.7	97.0	97.2	98.3	98.4	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	84.8	94.7	97.0	97.2	98.3	98.4	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	85.1	94.9	97.2	97.4	98.6	98.7	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	85.1	94.9	97.2	97.4	98.6	98.7	99.0	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	85.1	94.9	97.2	97.4	98.6	98.7	99.0	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	85.1	94.9	97.2	97.4	98.6	98.7	99.0	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	85.1	94.9	97.3	97.5	98.7	98.8	99.1	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	85.1	94.9	97.3	97.5	98.7	98.8	99.1	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	85.1	94.9	97.3	97.5	98.7	98.8	99.2	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	85.1	94.9	97.3	97.5	98.7	98.8	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	85.1	94.9	97.3	97.5	98.7	98.8	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.1	94.9	97.3	97.5	98.7	98.8	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.1	94.9	97.3	97.5	98.7	98.8	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.1	94.9	97.3	97.5	98.7	98.8	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.7	44.7	45.2	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 20000	74.6	75.8	76.5	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 18000	74.6	75.8	76.5	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 16000	74.6	75.8	76.5	76.5	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 14000	74.6	75.8	76.5	76.5	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 12000	75.5	76.7	77.3	77.3	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 10000	79.6	81.3	82.0	82.0	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 9000	84.4	86.1	86.9	86.9	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 8000	87.5	89.2	90.2	90.2	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 7000	89.0	90.8	91.8	91.8	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 6000	89.2	91.0	92.0	92.0	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 5000	89.7	91.4	92.6	92.6	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4500	90.3	92.0	93.2	93.2	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4000	91.0	92.7	93.9	93.9	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3500	91.8	93.5	94.8	94.8	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	93.2	95.1	96.6	96.6	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	93.8	95.7	97.4	98.0	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	94.2	96.1	97.8	98.4	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	94.4	96.3	98.2	98.7	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	94.4	96.3	98.2	98.7	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	94.5	96.5	98.3	98.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	94.5	96.5	98.3	98.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	94.5	96.5	98.3	98.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	94.5	96.5	98.3	98.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	94.5	96.5	98.3	98.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	94.5	96.5	98.3	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.5	96.5	98.3	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.5	96.5	98.3	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.5	96.5	98.3	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.5	96.5	98.3	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.5	96.5	98.3	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.5	96.5	98.3	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	46.2	48.6	49.1	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.1	50.1
GE 20000	65.0	70.7	73.4	74.1	74.7	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.3
GE 18000	65.0	70.7	73.4	74.1	74.7	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.3
GE 16000	65.0	70.7	73.4	74.1	74.8	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.3	75.3
GE 14000	65.1	70.8	73.5	74.2	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.4	75.4
GE 12000	65.9	71.6	74.3	75.0	75.6	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.2	76.2
GE 10000	68.8	74.9	77.7	78.3	79.0	79.0	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.6
GE 9000	71.8	78.1	80.9	81.6	82.4	82.4	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	83.0
GE 8000	74.3	80.8	83.8	84.5	85.3	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.9
GE 7000	75.5	82.1	85.0	85.7	86.5	86.5	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1
GE 6000	75.8	82.4	85.3	86.0	86.8	86.8	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.4
GE 5000	76.3	82.9	85.9	86.6	87.4	87.5	87.8	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0
GE 4500	76.7	83.4	86.4	87.1	87.9	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.5	88.5
GE 4000	78.0	84.7	87.8	88.5	89.4	89.4	89.8	89.8	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0
GE 3500	80.5	87.4	90.7	91.4	92.3	92.3	92.7	92.7	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.0
GE 3000	82.7	89.7	93.2	94.1	95.0	95.0	95.4	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.7	95.7
GE 2500	83.9	91.1	94.6	95.6	96.5	96.6	97.0	97.0	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.3
GE 2000	84.5	91.8	95.4	96.3	97.3	97.3	97.8	97.8	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1
GE 1800	84.8	92.0	95.6	96.6	97.6	97.6	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4
GE 1500	85.0	92.3	95.9	96.9	97.9	97.9	98.4	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.8	98.8
GE 1200	85.3	92.5	96.2	97.1	98.2	98.2	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1
GE 1000	85.3	92.6	96.2	97.2	98.2	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.2	99.2
GE 900	85.3	92.6	96.3	97.3	98.3	98.4	98.8	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.3
GE 800	85.4	92.7	96.4	97.4	98.4	98.5	99.0	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4
GE 700	85.4	92.8	96.4	97.4	98.5	98.5	99.0	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.5	99.5
GE 600	85.5	92.8	96.5	97.4	98.5	98.6	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5
GE 500	85.5	92.8	96.5	97.5	98.6	98.7	99.2	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7
GE 400	85.5	92.8	96.6	97.6	98.7	98.7	99.2	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8
GE 300	85.5	92.8	96.6	97.6	98.7	98.7	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
GE 200	85.5	92.8	96.6	97.6	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8
GE 100	85.5	92.8	96.6	97.6	98.7	98.8	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 000	85.5	92.8	96.6	97.6	98.7	98.8	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.8	59.4	60.8	61.3	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	63.3	76.3	78.2	78.9	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 18000	63.3	76.3	78.2	78.9	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 16000	63.3	76.3	78.2	78.9	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 14000	63.3	76.4	78.3	79.0	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 12000	63.9	77.0	78.9	79.6	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 10000	64.8	78.6	80.4	81.1	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 9000	66.8	81.1	83.4	84.1	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 8000	68.6	83.3	85.9	86.7	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2
GE 7000	70.8	86.1	88.8	89.6	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1
GE 6000	70.9	86.3	89.0	89.8	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3
GE 5000	71.8	87.7	90.4	91.2	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8
GE 4500	72.2	88.1	90.9	91.7	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
GE 4000	72.6	88.6	91.3	92.1	93.3	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7
GE 3500	73.2	89.4	92.3	93.1	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
GE 3000	73.9	90.7	93.7	94.4	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0
GE 2500	74.3	91.4	94.4	95.2	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
GE 2000	74.6	91.7	94.8	95.6	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
GE 1800	74.8	91.9	95.0	95.8	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
GE 1500	75.0	92.2	95.4	96.2	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
GE 1200	75.2	92.4	95.7	96.4	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
GE 1000	75.4	92.8	96.0	96.9	98.2	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE 900	75.6	92.9	96.1	97.0	98.3	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 800	75.6	92.9	96.1	97.1	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 700	75.6	92.9	96.1	97.1	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 600	75.9	93.2	96.6	97.7	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 500	75.9	93.3	96.8	97.9	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 400	76.1	93.6	97.1	98.2	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	76.1	93.6	97.1	98.2	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	76.1	93.6	97.1	98.2	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	76.1	93.6	97.1	98.2	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	76.1	93.6	97.1	98.2	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.3	60.7	65.4	67.1	69.2	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7
GE 20000	68.3	72.7	78.0	79.9	82.2	82.2	82.4	82.6	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 18000	68.3	72.7	78.0	79.9	82.2	82.2	82.4	82.6	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 16000	68.3	72.7	78.0	79.9	82.2	82.2	82.4	82.6	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 14000	68.3	72.7	78.0	79.9	82.2	82.2	82.4	82.6	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 12000	68.4	72.8	78.1	80.0	82.3	82.3	82.6	82.7	82.7	83.0	83.0	83.0	83.1	83.1	83.1	83.1
GE 10000	70.7	75.1	80.6	82.4	84.8	84.8	85.0	85.1	85.1	85.4	85.4	85.4	85.6	85.6	85.6	85.6
GE 9000	72.0	76.8	82.7	84.6	86.9	86.9	87.1	87.2	87.2	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 8000	73.4	78.2	84.1	86.1	88.6	88.6	88.8	88.9	88.9	89.2	89.2	89.2	89.3	89.3	89.3	89.3
GE 7000	75.9	80.7	86.6	88.6	91.0	91.0	91.2	91.3	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8
GE 6000	76.0	80.8	86.7	88.7	91.1	91.1	91.3	91.4	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9
GE 5000	76.6	81.3	87.3	89.3	91.8	91.8	92.0	92.1	92.1	92.4	92.4	92.4	92.6	92.6	92.6	92.6
GE 4500	76.7	81.4	87.4	89.4	91.9	91.9	92.1	92.2	92.2	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 4000	77.0	81.8	87.8	89.8	92.3	92.3	92.6	92.7	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 3500	78.3	83.2	89.2	91.2	93.8	93.8	94.0	94.1	94.1	94.4	94.4	94.4	94.6	94.6	94.6	94.6
GE 3000	79.0	83.9	90.1	92.3	94.9	94.9	95.1	95.2	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 2500	79.2	84.1	90.4	92.8	95.3	95.3	95.6	95.7	95.7	96.0	96.0	96.0	96.2	96.2	96.2	96.2
GE 2000	79.9	84.9	91.2	93.5	96.1	96.1	96.3	96.4	96.4	96.8	96.8	96.8	97.0	97.0	97.0	97.0
GE 1800	80.0	85.0	91.6	93.9	96.4	96.4	96.7	97.0	97.0	97.3	97.3	97.3	97.6	97.6	97.6	97.6
GE 1500	80.6	85.6	92.1	94.6	97.1	97.1	97.3	97.7	97.7	98.0	98.0	98.0	98.2	98.2	98.2	98.2
GE 1200	80.8	85.8	92.3	94.8	97.3	97.3	97.6	97.9	97.9	98.2	98.2	98.2	98.4	98.4	98.4	98.4
GE 1000	81.0	86.0	92.6	95.0	97.6	97.6	97.8	98.1	98.1	98.4	98.4	98.4	98.7	98.7	98.7	98.7
GE 900	81.3	86.3	92.9	95.3	97.9	97.9	98.1	98.4	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 800	81.6	86.7	93.2	95.7	98.2	98.2	98.4	98.8	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 700	81.6	86.7	93.2	95.7	98.2	98.2	98.4	98.8	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 600	81.6	86.7	93.2	95.7	98.2	98.2	98.4	98.8	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 500	81.8	86.9	93.4	95.9	98.4	98.4	98.7	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.6
GE 400	81.9	87.0	93.7	96.3	98.9	98.9	99.1	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	81.9	87.0	93.7	96.3	98.9	98.9	99.1	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	81.9	87.0	93.7	96.3	98.9	98.9	99.1	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	81.9	87.0	93.7	96.3	98.9	98.9	99.1	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	81.9	87.0	93.7	96.3	98.9	98.9	99.1	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.8	54.0	58.3	60.4	63.2	63.8	65.0	65.1	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.7
GE 20000	51.9	65.3	70.7	73.0	76.0	76.8	78.0	78.1	78.1	78.6	78.9	78.9	79.0	79.0	79.1	79.4
GE 18000	51.9	65.3	70.7	73.0	76.0	76.8	78.0	78.1	78.1	78.6	78.9	78.9	79.0	79.0	79.1	79.4
GE 16000	51.9	65.3	70.7	73.0	76.0	76.8	78.0	78.1	78.1	78.6	78.9	78.9	79.0	79.0	79.1	79.4
GE 14000	51.9	65.3	70.7	73.0	76.0	76.8	78.0	78.1	78.1	78.6	78.9	78.9	79.0	79.0	79.1	79.4
GE 12000	52.2	66.1	71.4	73.8	76.8	77.6	78.8	78.9	78.9	79.3	79.7	79.7	79.8	79.8	79.9	80.2
GE 10000	54.8	69.1	74.4	76.8	79.8	80.6	81.8	81.9	81.9	82.3	82.7	82.7	82.8	82.8	82.9	83.2
GE 9000	56.7	71.4	77.8	80.6	83.6	84.3	85.5	85.7	85.7	86.1	86.4	86.4	86.6	86.6	86.7	87.0
GE 8000	58.9	74.4	80.8	83.6	86.8	87.6	88.8	88.9	88.9	89.3	89.7	89.7	89.8	89.8	89.9	90.2
GE 7000	59.7	75.3	81.7	84.4	87.7	88.4	89.7	89.8	89.8	90.2	90.6	90.6	90.7	90.7	90.8	91.1
GE 6000	59.9	75.6	81.9	84.7	87.9	88.7	89.9	90.0	90.0	90.4	90.8	90.8	90.9	90.9	91.0	91.3
GE 5000	60.1	75.9	82.2	85.0	88.2	89.0	90.2	90.3	90.3	90.8	91.1	91.1	91.2	91.2	91.3	91.7
GE 4500	60.2	76.1	82.4	85.2	88.4	89.2	90.4	90.6	90.6	91.0	91.3	91.3	91.4	91.4	91.6	91.9
GE 4000	60.7	76.6	82.9	85.7	88.9	89.7	90.9	91.0	91.0	91.4	91.8	91.8	91.9	91.9	92.0	92.3
GE 3500	61.3	77.3	83.8	86.6	89.8	90.6	91.8	91.9	91.9	92.3	92.7	92.7	92.8	92.8	92.9	93.2
GE 3000	61.8	77.8	84.3	87.1	90.3	91.1	92.3	92.4	92.4	92.9	93.2	93.2	93.3	93.3	93.4	93.8
GE 2500	62.2	78.3	84.9	87.8	91.0	91.8	93.0	93.1	93.1	93.6	93.9	93.9	94.0	94.0	94.1	94.4
GE 2000	62.7	78.9	85.6	88.4	91.7	92.4	93.7	93.8	93.8	94.2	94.6	94.6	94.7	94.7	94.8	95.1
GE 1800	62.9	79.1	85.9	88.8	92.0	92.8	94.0	94.1	94.1	94.6	94.9	94.9	95.0	95.0	95.1	95.4
GE 1500	63.0	79.4	86.2	89.2	92.4	93.2	94.4	94.6	94.6	95.0	95.3	95.3	95.4	95.4	95.6	95.9
GE 1200	63.2	79.8	86.7	89.8	93.0	93.8	95.0	95.1	95.1	95.6	95.9	95.9	96.0	96.0	96.1	96.4
GE 1000	63.9	80.4	87.3	90.6	93.8	94.6	95.8	95.9	95.9	96.3	96.7	96.7	96.8	96.8	96.9	97.2
GE 900	64.2	80.8	87.7	90.9	94.2	95.0	96.2	96.3	96.3	96.8	97.1	97.1	97.2	97.2	97.3	97.7
GE 800	64.2	80.8	87.8	91.0	94.3	95.1	96.3	96.4	96.4	96.9	97.2	97.2	97.3	97.3	97.4	97.8
GE 700	64.3	81.0	88.0	91.2	94.6	95.3	96.6	96.7	96.7	97.1	97.4	97.4	97.6	97.6	97.7	98.0
GE 600	64.7	81.4	88.4	91.7	95.0	95.9	97.1	97.2	97.2	97.8	98.1	98.1	98.2	98.2	98.3	98.7
GE 500	64.8	81.6	88.6	91.9	95.2	96.1	97.3	97.4	97.4	98.0	98.3	98.3	98.4	98.4	98.6	98.9
GE 400	65.0	81.8	88.8	92.1	95.4	96.3	97.6	97.7	97.7	98.2	98.6	98.6	98.7	98.7	98.8	99.1
GE 300	65.0	81.8	88.8	92.1	95.4	96.3	97.6	97.7	97.7	98.2	98.6	98.6	98.7	98.7	98.9	99.2
GE 200	65.0	81.8	88.8	92.1	95.4	96.3	97.7	97.8	97.8	98.3	98.7	98.7	98.8	98.8	99.1	99.4
GE 100	65.0	81.8	88.8	92.1	95.4	96.3	97.7	97.8	97.8	98.3	98.7	98.7	98.8	98.8	99.1	99.8
GE 000	65.0	81.8	88.8	92.1	95.4	96.3	97.7	97.8	97.8	98.3	98.7	98.7	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.9	49.8	50.9	51.6	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 20000	64.6	67.7	69.3	70.1	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 18000	64.6	67.7	69.3	70.1	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 16000	64.6	67.7	69.3	70.1	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 14000	64.6	67.7	69.3	70.1	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 12000	65.3	68.4	70.1	70.9	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 10000	69.9	73.0	75.1	75.9	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 9000	72.7	76.0	78.2	79.0	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 8000	74.9	78.4	80.5	81.6	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	75.9	79.4	81.8	82.6	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 6000	76.0	79.6	81.9	82.7	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 5000	76.8	80.3	82.7	83.4	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4500	77.0	80.6	82.9	83.7	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4000	77.2	80.8	83.1	83.9	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	77.6	81.2	83.6	84.3	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	80.2	84.0	86.3	87.2	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	83.0	87.0	89.3	90.3	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	85.3	89.4	92.0	93.0	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	86.3	90.4	93.1	94.1	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	87.7	91.8	94.7	95.7	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	88.9	93.0	95.9	97.1	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	89.4	93.6	96.4	97.7	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	89.6	93.7	96.7	97.9	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	90.0	94.1	97.1	98.3	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	90.1	94.2	97.2	98.6	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	90.2	94.3	97.3	98.7	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	90.2	94.3	97.3	98.8	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	90.2	94.3	97.4	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.2	94.3	97.4	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.2	94.3	97.4	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.2	94.3	97.4	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.2	94.3	97.4	98.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.3	36.8	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 20000	54.1	58.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	54.1	58.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 16000	54.1	58.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 14000	54.6	59.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 12000	55.1	59.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 10000	58.4	63.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 9000	60.3	65.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 8000	62.0	67.7	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 7000	63.9	69.7	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	64.6	70.3	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 5000	64.9	70.7	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4500	65.6	71.4	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000	67.4	73.8	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	75.4	82.1	83.9	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000	80.4	87.6	89.8	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	85.2	92.8	95.3	95.9	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	86.1	93.8	96.4	97.1	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	86.4	94.1	96.8	97.4	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	86.9	94.6	97.2	97.9	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	87.1	94.9	97.6	98.2	98.7	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	87.2	95.0	97.7	98.3	98.8	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	87.2	95.0	97.8	98.4	98.9	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	87.2	95.0	97.8	98.4	98.9	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	87.2	95.0	97.8	98.4	98.9	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	87.2	95.0	97.8	98.4	98.9	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	87.2	95.0	97.8	98.4	98.9	98.9	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 400	87.2	95.0	97.8	98.4	98.9	98.9	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 300	87.2	95.0	97.8	98.4	98.9	98.9	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 200	87.2	95.0	97.8	98.4	98.9	98.9	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	87.2	95.0	97.8	98.4	98.9	98.9	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	87.2	95.0	97.8	98.4	98.9	98.9	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.0	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 20000	58.7	60.7	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 18000	58.7	60.7	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 16000	58.7	60.7	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 14000	59.1	61.1	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 12000	59.8	61.8	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 10000	64.4	66.6	67.6	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	67.9	70.6	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	71.2	74.0	75.4	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 7000	72.4	75.7	77.1	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 6000	72.8	76.0	77.4	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 5000	73.7	76.9	78.4	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4500	74.1	77.3	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	76.6	80.0	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3500	82.6	86.1	88.4	88.9	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000	85.7	89.3	91.8	92.8	93.1	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	87.6	91.3	93.9	95.0	95.3	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	88.0	91.9	94.6	96.0	96.4	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	88.3	92.2	94.9	96.3	96.8	96.9	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	88.7	92.7	95.3	96.8	97.2	97.3	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	88.8	92.8	95.4	96.9	97.3	97.7	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	88.8	92.8	95.4	96.9	97.3	97.8	98.6	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	88.9	92.9	95.6	97.0	97.4	97.9	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	89.1	93.1	95.8	97.2	97.7	98.1	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	89.1	93.1	95.8	97.2	97.8	98.2	99.0	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	89.1	93.1	95.8	97.2	97.8	98.2	99.0	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	89.1	93.1	95.8	97.2	97.8	98.2	99.0	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	89.1	93.1	95.8	97.2	97.8	98.2	99.0	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	89.1	93.1	95.8	97.2	97.8	98.2	99.0	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	89.1	93.1	95.8	97.2	97.8	98.2	99.0	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	89.1	93.1	95.8	97.2	97.8	98.2	99.0	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	89.1	93.1	95.8	97.2	97.8	98.2	99.0	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.8	42.7	43.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 20000	62.6	67.9	69.2	69.7	69.8	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 18000	62.6	67.9	69.2	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 16000	62.6	67.9	69.2	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 14000	62.9	68.4	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 12000	63.6	69.1	70.4	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 10000	66.9	73.1	74.4	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 9000	72.7	79.6	81.0	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 8000	74.4	82.1	83.9	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 7000	76.2	84.1	86.2	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 6000	76.4	84.4	86.6	87.3	87.7	97.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 5000	77.2	85.4	87.7	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4500	77.7	86.1	88.4	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4000	78.8	87.4	89.9	90.7	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	80.8	89.7	92.3	93.3	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	81.8	90.9	93.8	94.9	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	82.2	91.6	94.4	95.6	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	82.7	92.1	95.1	96.2	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	82.9	92.3	95.4	96.6	97.2	97.2	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	83.0	92.6	95.7	96.8	97.6	97.6	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	83.3	92.9	96.1	97.2	98.0	98.0	98.1	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE 1000	83.3	92.9	96.1	97.2	98.1	98.1	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 900	83.3	92.9	96.1	97.2	98.1	98.1	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 800	83.4	93.0	96.4	97.6	98.4	98.4	98.6	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 700	83.4	93.0	96.4	97.7	98.6	98.6	98.7	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 600	83.6	93.1	96.6	97.8	98.7	98.7	98.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.6	99.6
GE 500	83.6	93.1	96.6	97.8	98.7	98.7	98.9	99.2	99.2	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	83.6	93.1	96.6	97.8	98.7	98.7	98.9	99.2	99.2	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	83.6	93.1	96.6	97.8	98.7	98.7	98.9	99.2	99.2	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	83.6	93.1	96.6	97.8	98.7	98.7	98.9	99.2	99.2	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	83.6	93.1	96.6	97.8	98.7	98.7	98.9	99.2	99.2	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	83.6	93.1	96.6	97.8	98.7	98.7	98.9	99.2	99.2	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	53.7	54.3	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 20000	72.7	74.3	75.3	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 18000	72.7	74.3	75.3	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 16000	72.7	74.3	75.3	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 14000	72.7	74.8	75.9	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 12000	73.2	75.7	76.9	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 10000	75.1	77.7	78.9	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 9000	78.8	81.3	82.7	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 8000	82.7	85.4	86.8	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 7000	84.6	87.6	88.9	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 6000	85.1	88.2	89.6	90.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 5000	86.6	89.8	91.2	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4500	86.8	90.1	91.6	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4000	87.1	90.4	91.9	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3500	88.2	91.7	93.6	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	89.0	92.4	94.3	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	89.9	93.3	95.4	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	90.1	93.6	95.7	96.4	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	90.3	93.9	96.0	96.8	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	91.0	94.6	96.8	97.6	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	91.1	94.7	96.9	97.7	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	91.1	94.7	96.9	97.8	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	91.2	94.8	97.2	98.1	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	91.2	94.8	97.3	98.4	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	91.2	94.8	97.3	98.4	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	91.2	94.8	97.3	98.7	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	91.2	94.8	97.4	98.8	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	91.4	95.0	97.8	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.4	95.0	97.8	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.4	95.0	97.8	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.4	95.0	97.8	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.4	95.0	97.8	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.7	49.1	50.9	51.7	52.5	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 20000	62.0	67.9	70.2	71.1	72.1	72.2	72.4	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	62.0	67.9	70.2	71.1	72.1	72.2	72.4	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6
GE 16000	62.0	67.9	70.2	71.1	72.1	72.2	72.4	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6
GE 14000	62.2	68.2	70.5	71.3	72.3	72.4	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9
GE 12000	62.7	68.8	71.2	72.0	73.0	73.1	73.3	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.6
GE 10000	65.6	72.1	74.5	75.4	76.4	76.5	76.7	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	77.0
GE 9000	68.5	75.3	78.1	79.1	80.1	80.2	80.4	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6
GE 8000	70.8	78.0	80.9	81.9	83.0	83.1	83.3	83.3	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.6
GE 7000	72.4	79.8	82.3	83.3	84.9	85.0	85.2	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.5
GE 6000	72.7	80.2	83.1	84.1	85.2	85.3	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8
GE 5000	73.4	81.0	84.0	85.1	86.1	86.2	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7
GE 4500	73.8	81.4	84.5	85.5	86.6	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2
GE 4000	74.7	82.4	85.5	86.6	87.7	87.8	88.0	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.3
GE 3500	77.2	85.1	88.4	89.5	90.6	90.7	91.0	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.3
GE 3000	79.0	87.1	90.5	91.8	92.9	93.1	93.4	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.7
GE 2500	80.5	88.7	92.3	93.6	94.8	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5
GE 2000	81.2	89.5	93.2	94.5	95.8	95.9	96.2	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.6
GE 1800	81.5	89.9	93.6	95.0	96.2	96.3	96.7	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.1
GE 1500	82.0	90.4	94.2	95.6	96.9	97.0	97.3	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.8
GE 1200	82.3	90.8	94.6	96.0	97.3	97.4	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.3	98.3
GE 1000	82.5	91.0	94.8	96.3	97.6	97.8	98.2	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.7
GE 900	82.7	91.2	95.0	96.5	97.8	98.0	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.9
GE 800	82.8	91.3	95.2	96.7	98.0	98.2	98.6	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 700	82.8	91.3	95.2	96.8	98.1	98.3	98.7	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.2	99.2
GE 600	82.9	91.5	95.4	97.0	98.3	98.5	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 500	83.0	91.5	95.5	97.1	98.4	98.6	99.0	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.7	99.7
GE 400	83.1	91.6	95.6	97.3	98.6	98.8	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9
GE 300	83.1	91.6	95.6	97.3	98.6	98.8	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9
GE 200	83.1	91.6	95.6	97.3	98.6	98.8	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9
GE 100	83.1	91.6	95.6	97.3	98.6	98.8	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0
GE 000	83.1	91.6	95.6	97.3	98.6	98.8	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.9	68.5	71.3	72.2	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 20000	63.7	74.2	77.4	78.4	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 18000	63.7	74.2	77.4	78.4	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 16000	63.7	74.2	77.4	78.4	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 14000	63.7	74.2	77.4	78.4	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 12000	63.9	74.6	77.8	78.8	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 10000	64.7	75.6	78.8	79.8	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 9000	65.6	76.5	79.9	80.9	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 8000	67.0	78.2	81.7	82.8	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 7000	68.1	79.6	83.1	84.2	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 6000	68.3	79.9	83.4	84.5	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 5000	69.4	81.2	84.9	86.0	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4500	70.0	81.9	85.8	86.9	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000	71.4	83.8	87.7	88.9	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3500	72.2	84.8	88.9	90.1	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	72.8	85.6	89.9	91.1	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	73.3	86.2	90.8	91.9	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	73.5	86.6	91.2	92.4	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	73.5	86.7	91.4	92.6	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	74.0	87.3	92.0	93.2	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	74.7	88.4	93.3	94.5	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	75.3	89.1	94.2	95.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	75.5	89.4	94.4	95.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	75.5	89.5	94.6	96.0	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	75.9	90.0	95.4	96.9	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	76.0	90.2	95.6	97.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	76.1	90.3	95.7	97.4	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	76.1	90.3	95.8	97.5	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	76.2	90.4	95.9	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	76.2	90.4	95.9	97.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7
GE 100	76.2	90.4	95.9	97.7	98.9	98.9	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.9
GE 000	76.2	90.4	95.9	97.7	98.9	98.9	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.1	62.3	66.2	69.6	71.5	71.5	71.8	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.5	72.6
GE 20000	61.6	66.5	71.4	75.2	77.1	77.1	77.4	77.6	77.6	77.7	77.7	77.7	77.8	77.8	78.1	78.2
GE 18000	61.6	66.5	71.4	75.2	77.1	77.1	77.4	77.6	77.6	77.7	77.7	77.7	77.8	77.8	78.1	78.2
GE 16000	61.6	66.5	71.4	75.2	77.1	77.1	77.4	77.6	77.6	77.7	77.7	77.7	77.8	77.8	78.1	78.2
GE 14000	61.8	66.7	71.6	75.4	77.3	77.3	77.6	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.3	78.4
GE 12000	61.9	66.8	71.7	75.5	77.4	77.4	77.7	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.4	78.5
GE 10000	62.6	67.5	72.5	76.2	78.2	78.2	78.5	78.7	78.7	78.8	78.8	78.8	78.9	78.9	79.1	79.2
GE 9000	63.0	68.0	73.0	76.8	78.7	78.9	79.2	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.9	80.0
GE 8000	64.1	69.2	74.4	78.4	80.3	80.5	80.9	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.5	81.6
GE 7000	65.6	70.8	75.9	79.9	81.8	82.0	82.4	82.6	82.6	82.7	82.7	82.7	82.8	82.8	83.0	83.1
GE 6000	65.7	70.9	76.0	80.0	81.9	82.2	82.5	82.7	82.7	82.8	82.8	82.8	82.9	82.9	83.1	83.2
GE 5000	67.4	72.6	77.8	81.9	83.9	84.1	84.4	84.6	84.6	84.7	84.7	84.7	84.8	84.8	85.1	85.2
GE 4500	68.4	73.5	79.0	83.1	85.1	85.3	85.6	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.2	86.3
GE 4000	70.0	75.2	80.8	84.3	86.8	87.0	87.3	87.5	87.5	87.6	87.6	87.6	87.7	87.7	88.0	88.1
GE 3500	70.5	75.8	81.6	85.8	87.7	88.0	88.3	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.9	89.0
GE 3000	71.9	77.4	83.3	87.6	89.6	89.8	90.1	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.8	90.9
GE 2500	72.5	78.0	84.2	88.6	90.5	90.8	91.1	91.3	91.3	91.6	91.6	91.6	91.7	91.7	91.9	92.0
GE 2000	72.6	78.1	84.3	88.7	90.6	91.0	91.3	91.5	91.5	91.8	91.8	91.8	91.9	91.9	92.2	92.3
GE 1800	72.8	78.5	84.7	89.1	91.2	91.4	91.7	91.9	91.9	92.3	92.3	92.3	92.4	92.4	92.6	92.7
GE 1500	73.1	78.8	85.2	89.7	91.7	91.9	92.5	92.7	92.7	93.0	93.0	93.0	93.1	93.1	93.3	93.4
GE 1200	73.3	79.0	85.5	90.0	92.2	92.4	92.9	93.1	93.1	93.4	93.4	93.4	93.5	93.5	93.8	93.9
GE 1000	73.5	79.4	86.3	90.9	93.0	93.2	93.8	94.0	94.0	94.3	94.3	94.3	94.4	94.4	94.6	94.7
GE 900	73.5	79.4	86.5	91.1	93.2	93.4	94.0	94.2	94.2	94.5	94.5	94.5	94.6	94.6	94.8	94.9
GE 800	73.8	79.6	86.7	91.3	93.4	93.7	94.4	94.6	94.6	94.9	94.9	94.9	95.1	95.1	95.3	95.4
GE 700	74.0	79.8	87.1	91.9	94.1	94.3	95.1	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.9	96.0
GE 600	74.3	80.1	87.4	92.5	94.6	94.8	95.6	95.8	95.8	96.1	96.1	96.1	96.2	96.2	96.5	96.6
GE 500	74.4	80.2	87.6	93.0	95.3	95.5	96.2	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.2	97.3
GE 400	74.4	80.2	87.8	93.5	96.0	96.2	97.0	97.3	97.3	97.6	97.6	97.6	97.7	97.7	98.0	98.1
GE 300	74.5	80.3	88.1	93.3	96.2	96.5	97.3	97.6	97.6	98.0	98.0	98.0	98.1	98.1	98.3	98.4
GE 200	74.6	80.4	88.2	94.1	96.7	96.9	98.0	98.3	98.3	98.6	98.7	98.7	98.9	98.9	99.4	99.5
GE 100	74.6	80.4	88.2	94.1	96.7	96.9	98.0	98.3	98.3	98.6	98.7	98.7	98.9	98.9	99.4	99.6
GE 000	74.6	80.4	88.2	94.1	96.7	96.9	98.0	98.3	98.3	98.6	98.7	98.7	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.6	52.5	58.4	60.8	63.4	63.8	64.8	65.3	65.4	66.3	66.6	66.6	66.6	66.6	66.7	67.0
GE 20000	49.1	58.2	65.2	67.8	71.3	71.8	72.9	73.3	73.5	74.6	74.8	74.8	74.8	74.8	74.9	75.3
GE 18000	49.1	58.2	65.2	67.8	71.3	71.8	72.9	73.3	73.5	74.6	74.8	74.8	74.8	74.8	74.9	75.3
GE 16000	49.1	58.2	65.2	67.8	71.3	71.8	72.9	73.3	73.5	74.6	74.8	74.8	74.8	74.8	74.9	75.3
GE 14000	49.2	58.3	65.3	68.0	71.4	71.9	73.0	73.4	73.7	74.7	74.9	74.9	74.9	74.9	75.1	75.4
GE 12000	49.4	58.5	65.5	68.2	71.6	72.2	73.2	73.7	73.9	74.9	75.2	75.2	75.2	75.2	75.3	75.6
GE 10000	49.6	58.9	66.0	68.7	72.2	72.8	73.9	74.3	74.5	75.6	75.8	75.8	75.8	75.8	75.9	76.2
GE 9000	50.9	60.4	67.6	70.3	73.8	74.4	75.5	75.9	76.1	77.2	77.4	77.4	77.4	77.4	77.5	77.8
GE 8000	52.5	62.2	69.5	72.2	75.7	76.5	77.6	78.1	78.3	79.4	79.6	79.6	79.6	79.6	79.7	80.0
GE 7000	54.1	64.0	71.3	74.0	77.5	78.3	79.5	79.9	80.1	81.2	81.4	81.4	81.4	81.4	81.5	81.8
GE 6000	54.5	64.5	71.8	74.5	78.1	78.8	80.0	80.4	80.6	81.7	81.9	81.9	81.9	81.9	82.0	82.4
GE 5000	55.9	66.0	73.3	76.0	79.6	80.3	81.5	81.9	82.2	83.2	83.4	83.4	83.4	83.4	83.5	83.9
GE 4500	56.6	67.0	74.4	77.2	80.9	81.6	82.8	83.2	83.4	84.5	84.7	84.7	84.7	84.7	84.8	85.2
GE 4000	58.0	68.6	76.1	78.9	82.7	83.4	84.7	85.2	85.4	86.5	86.7	86.7	86.7	86.7	86.8	87.1
GE 3500	58.5	69.1	76.9	79.7	83.5	84.3	85.6	86.0	86.2	87.3	87.5	87.5	87.5	87.5	87.6	88.0
GE 3000	59.9	70.9	78.7	81.5	85.4	86.1	87.4	87.8	88.1	89.1	89.4	89.4	89.4	89.4	89.5	89.8
GE 2500	59.9	70.9	78.8	81.7	85.7	86.5	87.7	88.2	88.4	89.5	89.7	89.7	89.7	89.7	89.8	90.1
GE 2000	60.2	71.2	79.2	82.2	86.1	86.9	88.3	88.7	88.9	90.0	90.2	90.2	90.2	90.2	90.3	90.6
GE 1800	60.3	71.3	79.4	82.3	86.2	87.0	88.4	88.8	89.0	90.1	90.3	90.3	90.3	90.3	90.4	90.8
GE 1500	60.8	72.0	80.3	83.3	87.3	88.1	89.5	89.9	90.1	91.2	91.4	91.4	91.4	91.4	91.5	91.8
GE 1200	61.3	72.8	81.3	84.4	88.4	89.1	90.5	91.0	91.2	92.3	92.5	92.5	92.5	92.5	92.6	92.9
GE 1000	61.3	72.8	81.5	84.6	88.6	89.4	90.8	91.2	91.4	92.5	92.7	92.7	92.7	92.7	92.8	93.1
GE 900	61.3	72.8	81.6	84.7	88.7	89.5	91.0	91.4	91.6	92.7	92.9	92.9	92.9	92.9	93.0	93.3
GE 800	61.3	72.8	81.6	84.8	88.8	89.6	91.1	91.5	91.7	92.8	93.0	93.0	93.0	93.0	93.1	93.4
GE 700	61.5	73.0	81.8	85.2	89.1	89.9	91.4	91.8	92.0	93.1	93.3	93.3	93.3	93.3	93.4	93.8
GE 600	61.7	73.4	82.3	85.6	90.0	91.0	92.5	92.9	93.1	94.2	94.4	94.4	94.4	94.4	94.5	94.8
GE 500	61.8	73.7	82.8	86.2	91.0	91.9	93.4	93.9	94.1	95.2	95.4	95.4	95.4	95.4	95.5	95.8
GE 400	61.8	73.8	83.0	86.6	91.4	92.4	93.9	94.3	94.5	95.9	96.1	96.1	96.1	96.1	96.2	96.6
GE 300	61.8	73.8	83.0	86.6	91.8	92.9	94.7	95.4	95.6	97.1	97.4	97.4	97.6	97.6	97.7	98.1
GE 200	61.8	73.8	83.0	86.6	91.8	93.0	94.8	95.5	95.7	97.2	97.5	97.5	98.0	98.0	98.3	98.7
GE 100	61.8	73.8	83.0	86.6	91.8	93.0	94.8	95.5	95.7	97.2	97.5	97.5	98.2	98.2	99.2	99.7
GE 000	61.8	73.8	83.0	86.6	91.8	93.0	94.8	95.5	95.7	97.2	97.5	97.5	98.2	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.7	55.8	57.5	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000	64.4	67.3	69.4	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 18000	64.4	67.3	69.4	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 16000	64.4	67.3	69.4	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 14000	64.5	67.4	69.5	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 12000	64.6	67.5	69.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 10000	66.3	69.4	71.6	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	67.4	70.4	72.7	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 8000	69.5	72.5	74.7	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 7000	70.6	73.7	75.9	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 6000	70.9	73.9	76.1	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 5000	71.3	74.3	76.7	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4500	72.3	75.5	77.8	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	74.1	77.3	79.9	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3500	75.8	79.1	81.7	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3000	78.2	81.5	84.1	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	80.6	84.1	86.8	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	82.4	86.0	88.9	89.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	83.5	87.3	90.3	91.0	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1500	85.5	89.6	92.8	93.4	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	86.1	90.5	94.1	94.7	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
GE 1000	86.6	91.0	94.7	95.4	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3
GE 900	87.1	91.5	95.4	96.0	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0
GE 800	87.2	91.6	95.5	96.1	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
GE 700	87.2	91.6	95.7	96.5	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5
GE 600	87.3	91.7	96.3	97.3	98.0	98.2	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE 500	87.3	91.7	96.3	97.4	98.3	98.5	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4
GE 400	87.3	91.7	96.3	97.4	98.4	98.6	98.7	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 300	87.3	91.7	96.3	97.4	98.4	98.6	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 200	87.3	91.7	96.3	97.4	98.4	98.6	98.8	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	87.3	91.7	96.3	97.4	98.4	98.6	98.8	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	87.3	91.7	96.3	97.4	98.4	98.6	98.8	99.4	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.2	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	58.8	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 18000	58.8	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 16000	58.8	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	59.1	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 12000	59.8	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 10000	61.3	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 9000	63.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 8000	65.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	66.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 6000	67.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 5000	69.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4500	70.6	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4000	75.5	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	80.5	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	85.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2500	89.9	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	91.6	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	92.4	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500	93.0	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	93.5	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	93.7	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	93.8	98.5	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	93.8	98.5	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	93.8	98.5	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	93.8	98.5	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	93.8	98.5	99.2	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	93.8	98.5	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.8	98.5	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.8	98.5	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.8	98.5	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.8	98.5	99.2	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 20000	65.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 18000	65.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 16000	65.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 14000	65.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	66.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 10000	67.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 9000	70.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 8000	74.9	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 7000	76.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 6000	77.4	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000	80.6	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	83.0	84.4	84.4	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4000	85.4	86.8	86.8	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	87.8	89.5	89.5	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	90.9	92.5	92.5	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2500	93.3	95.3	95.3	95.4	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	94.0	95.9	95.9	96.0	96.2	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	94.1	96.0	95.1	96.3	96.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	94.8	96.8	96.9	97.1	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	95.3	97.3	97.4	97.6	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	95.7	97.7	98.1	98.3	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	95.7	98.0	98.3	98.5	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	95.7	98.0	98.3	98.6	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	95.7	98.0	98.3	98.6	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	95.7	98.0	98.3	98.6	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	95.7	98.0	98.3	98.6	99.0	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.7	98.0	98.3	98.6	99.0	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.7	98.0	98.3	98.6	99.0	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.7	98.0	98.3	98.6	99.0	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.7	98.0	98.3	98.6	99.0	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.7	98.0	98.3	98.6	99.0	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.5	64.4	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 20000	71.0	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 18000	71.0	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 16000	71.0	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 14000	71.0	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 12000	71.7	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 10000	73.2	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 9000	74.6	79.6	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 8000	78.9	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 7000	80.1	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 6000	80.3	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	81.4	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500	83.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4000	84.6	90.7	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	85.8	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	87.5	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	88.5	95.5	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	88.9	96.1	96.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	88.9	96.1	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	89.4	96.8	97.6	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	89.5	96.9	97.7	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	90.0	97.5	98.6	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	90.0	97.5	98.6	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	90.1	97.6	98.7	99.0	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	90.1	97.6	98.7	99.0	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	90.1	97.6	98.7	99.0	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	90.1	97.6	98.8	99.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.1	97.6	98.8	99.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.1	97.6	98.8	99.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.1	97.6	98.8	99.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.1	97.6	98.8	99.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.1	97.6	98.8	99.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.2	73.2	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 20000	77.9	79.0	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 18000	77.9	79.0	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 16000	77.9	79.0	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 14000	77.9	79.0	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 12000	78.1	79.2	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 10000	79.3	80.4	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 9000	81.2	82.4	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 8000	83.5	84.7	85.3	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 7000	85.2	86.6	87.4	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 6000	85.5	86.9	87.7	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 5000	86.5	87.9	88.7	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4500	87.3	88.7	89.6	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000	89.1	90.6	91.6	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	90.0	91.6	92.6	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3000	90.8	92.6	93.5	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	91.4	93.1	94.1	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	91.7	93.5	94.5	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1800	91.8	93.6	94.6	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1500	92.3	94.2	95.1	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	93.5	95.5	96.4	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	94.1	96.0	97.3	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	94.1	96.0	97.4	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	94.6	96.5	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	94.9	96.9	98.4	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	95.1	97.3	98.8	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.4	97.5	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.4	97.5	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.4	97.5	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.4	97.5	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.4	97.5	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.4	97.5	99.0	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.0	58.9	60.8	61.6	62.3	62.4	62.5	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.9	62.9
GE 20000	64.0	68.5	70.7	71.7	72.5	72.6	72.5	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.2
GE 18000	64.0	68.5	70.7	71.7	72.5	72.6	72.8	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.2
GE 16000	64.0	68.5	70.7	71.7	72.5	72.6	72.8	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.2
GE 14000	64.1	68.6	70.8	71.8	72.6	72.7	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.3
GE 12000	64.4	69.0	71.2	72.2	73.0	73.0	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6
GE 10000	65.6	70.2	72.5	73.5	74.3	74.4	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	75.0
GE 9000	67.1	71.8	74.1	75.2	75.9	76.1	76.3	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.7
GE 8000	69.5	74.4	76.8	77.9	78.7	78.8	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4
GE 7000	70.8	75.8	78.3	79.4	80.2	80.3	80.5	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.9	80.9
GE 6000	71.3	76.3	78.7	79.8	80.6	80.8	81.0	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.4
GE 5000	72.7	77.9	80.3	81.5	82.3	82.4	82.6	82.7	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.0
GE 4500	73.9	79.1	81.7	82.9	83.7	83.9	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4
GE 4000	76.0	81.4	84.0	85.2	86.0	86.1	86.4	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.8
GE 3500	77.6	83.2	85.9	87.1	87.9	88.0	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7
GE 3000	79.7	85.4	88.1	89.3	90.2	90.3	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	91.0
GE 2500	81.2	87.1	89.9	91.2	92.1	92.2	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9
GE 2000	81.9	87.9	90.8	92.1	93.0	93.2	93.5	93.6	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 1800	82.2	88.2	91.2	92.5	93.5	93.7	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.4	94.4
GE 1500	82.9	89.1	92.2	93.5	94.5	94.7	95.1	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.5
GE 1200	83.4	89.8	93.0	94.3	95.4	95.5	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.3
GE 1000	83.8	90.2	93.7	95.1	96.1	96.3	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.1
GE 900	83.9	90.4	93.9	95.3	96.4	96.6	96.9	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.4
GE 800	84.0	90.5	94.1	95.5	96.5	96.8	97.2	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.7
GE 700	84.1	90.7	94.3	95.8	96.9	97.1	97.5	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	98.0
GE 600	84.3	90.9	94.6	96.2	97.3	97.6	98.0	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5
GE 500	84.3	90.9	94.7	96.4	97.6	97.9	98.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 400	84.3	90.9	94.8	96.5	97.8	98.0	98.5	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.2
GE 300	84.3	91.0	94.8	96.5	97.9	98.2	98.7	98.9	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.5
GE 200	84.4	91.0	94.8	96.6	97.9	98.2	98.8	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.7	99.7
GE 100	84.4	91.0	94.8	96.6	97.9	98.2	98.8	99.0	99.0	99.4	99.5	99.5	99.6	99.6	99.8	99.9
GE 000	84.4	91.0	94.8	96.6	97.9	98.2	98.8	99.0	99.0	99.4	99.5	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.1	57.8	59.6	60.6	61.1	61.1	61.4	61.6	61.6	61.9	61.9	61.9	62.2	62.2	62.2	62.2
GE 20000	55.7	65.9	67.9	68.9	69.4	69.6	69.9	70.0	70.0	70.3	70.3	70.3	70.7	70.7	70.7	70.8
GE 18000	55.7	65.9	67.9	68.9	69.4	69.6	69.9	70.0	70.0	70.3	70.3	70.3	70.7	70.7	70.7	70.8
GE 16000	55.7	65.9	67.9	68.9	69.4	69.6	69.9	70.0	70.0	70.3	70.3	70.3	70.7	70.7	70.7	70.8
GE 14000	55.7	65.9	67.9	68.9	69.4	69.6	69.9	70.0	70.0	70.3	70.3	70.3	70.7	70.7	70.7	70.8
GE 12000	55.9	66.1	68.1	69.1	69.7	69.8	70.1	70.2	70.2	70.6	70.6	70.6	70.9	70.9	70.9	71.0
GE 10000	57.8	68.1	70.4	71.6	72.1	72.2	72.6	72.7	72.7	73.0	73.0	73.0	73.3	73.3	73.3	73.4
GE 9000	58.2	69.3	71.7	73.0	73.6	73.7	74.0	74.1	74.1	74.4	74.4	74.4	74.8	74.8	74.8	74.9
GE 8000	60.7	71.4	74.0	75.3	75.9	76.0	76.3	76.4	76.4	76.8	76.8	76.8	77.1	77.1	77.1	77.2
GE 7000	62.6	73.6	76.1	77.4	78.0	78.1	78.4	78.6	78.6	78.9	78.9	78.9	79.2	79.2	79.2	79.3
GE 6000	62.7	73.7	76.2	77.6	78.1	78.2	78.6	78.7	78.7	79.0	79.0	79.0	79.3	79.3	79.3	79.4
GE 5000	63.6	74.6	77.1	78.4	79.0	79.1	79.4	79.6	79.6	79.9	79.9	79.9	80.2	80.2	80.2	80.3
GE 4500	64.4	75.6	78.2	79.5	80.1	80.2	80.6	80.7	80.7	81.0	81.0	81.0	81.3	81.3	81.3	81.4
GE 4000	65.1	76.3	79.0	80.4	81.0	81.1	81.4	81.6	81.6	81.9	81.9	81.9	82.2	82.2	82.2	82.3
GE 3500	65.9	77.3	80.3	81.9	82.3	82.4	82.8	82.9	82.9	83.2	83.2	83.2	83.6	83.6	83.6	83.7
GE 3000	67.0	78.9	82.2	83.7	84.2	84.3	84.7	84.8	84.8	85.1	85.1	85.1	85.4	85.4	85.4	85.6
GE 2500	67.9	80.0	83.3	84.8	85.3	85.4	85.8	85.9	85.9	86.2	86.2	86.2	86.6	86.6	86.6	86.7
GE 2000	68.9	81.3	84.9	86.3	87.0	87.1	87.4	87.6	87.6	87.9	87.9	87.9	88.2	88.2	88.2	88.3
GE 1800	69.1	81.8	85.3	86.8	87.4	87.6	87.9	88.0	88.0	88.3	88.3	88.3	88.7	88.7	88.7	88.8
GE 1500	69.4	82.2	86.1	87.6	88.2	88.3	88.7	88.9	88.9	89.2	89.2	89.2	89.6	89.6	89.6	89.7
GE 1200	70.2	83.2	87.1	88.7	89.4	89.6	89.9	90.1	90.1	90.4	90.4	90.4	90.8	90.8	90.8	90.9
GE 1000	70.5	83.6	87.4	89.0	89.8	89.9	90.4	90.6	90.6	91.1	91.1	91.1	91.4	91.4	91.4	91.6
GE 900	70.8	84.0	87.9	89.4	90.2	90.3	90.9	91.2	91.2	91.6	91.6	91.6	91.9	91.9	91.9	92.0
GE 800	70.8	84.1	88.0	89.6	90.3	90.4	91.0	91.3	91.3	91.7	91.7	91.7	92.0	92.0	92.0	92.1
GE 700	71.0	84.3	88.7	90.3	91.3	91.4	92.0	92.3	92.3	92.7	92.7	92.7	93.0	93.0	93.0	93.1
GE 600	71.6	85.2	89.9	91.6	92.7	92.8	93.3	93.7	93.7	94.0	94.0	94.0	94.3	94.3	94.3	94.4
GE 500	71.6	85.3	90.9	92.7	94.2	94.3	95.1	95.4	95.4	95.8	95.8	95.8	96.1	96.1	96.1	96.2
GE 400	71.6	85.3	91.1	93.2	94.9	95.0	95.8	96.3	96.3	96.7	96.7	96.7	97.0	97.0	97.0	97.1
GE 300	71.7	85.4	91.2	93.7	95.7	95.8	96.9	97.4	97.4	97.8	97.8	97.8	98.1	98.1	98.1	98.2
GE 200	71.7	85.4	91.2	93.9	95.9	96.0	97.1	97.8	97.8	98.2	98.6	98.6	98.9	98.9	98.9	99.0
GE 100	71.7	85.4	91.2	93.9	95.9	96.0	97.1	97.8	97.8	98.2	98.6	98.6	99.0	99.0	99.1	99.7
GE 000	71.7	85.4	91.2	93.9	95.9	96.0	97.1	97.8	97.8	98.2	98.6	98.6	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.9	46.8	51.2	54.9	55.8	55.9	56.4	56.4	56.4	57.0	57.0	57.0	57.4	57.4	57.6	57.7
GE 20000	48.7	51.8	56.9	60.9	61.8	61.9	62.6	62.6	62.6	63.1	63.1	63.1	63.6	63.6	63.7	63.8
GE 18000	48.7	51.8	56.9	60.9	61.8	61.9	62.6	62.6	62.6	63.1	63.1	63.1	63.6	63.6	63.7	63.8
GE 16000	48.7	51.8	56.9	60.9	61.8	61.9	62.6	62.6	62.6	63.1	63.1	63.1	63.6	63.6	63.7	63.8
GE 14000	48.7	51.8	56.9	60.9	61.8	61.9	62.6	62.6	62.6	63.1	63.1	63.1	63.6	63.6	63.7	63.8
GE 12000	48.9	52.0	57.1	61.1	62.0	62.1	62.8	62.8	62.8	63.3	63.3	63.3	63.8	63.8	63.9	64.0
GE 10000	50.4	53.6	59.3	63.3	64.2	64.3	65.0	65.1	65.1	65.7	65.8	65.8	66.2	66.2	66.3	66.4
GE 9000	52.2	55.7	61.4	65.3	66.7	66.8	67.4	67.6	67.6	68.1	68.2	68.2	68.7	68.7	68.8	68.9
GE 8000	53.1	56.9	62.8	67.1	68.0	68.1	68.8	68.9	68.9	69.4	69.6	69.6	70.0	70.0	70.1	70.2
GE 7000	54.1	57.9	64.1	68.4	69.3	69.4	70.1	70.2	70.2	70.8	70.9	70.9	71.3	71.3	71.4	71.6
GE 6000	54.4	58.2	64.4	68.8	69.7	69.8	70.4	70.6	70.6	71.1	71.2	71.2	71.7	71.7	71.8	71.9
GE 5000	55.8	59.6	65.9	70.3	71.2	71.3	72.0	72.1	72.1	72.7	72.8	72.8	73.2	73.2	73.3	73.4
GE 4500	56.7	60.4	66.9	71.4	72.3	72.4	73.1	73.2	73.2	73.8	73.9	73.9	74.3	74.3	74.4	74.6
GE 4000	57.2	61.2	67.7	72.2	73.1	73.2	73.9	74.0	74.0	74.6	74.7	74.7	75.1	75.1	75.2	75.3
GE 3500	59.2	63.2	69.8	74.3	75.2	75.3	76.1	76.2	76.2	76.8	76.9	76.9	77.3	77.3	77.7	77.8
GE 3000	61.1	65.1	71.7	76.3	77.4	77.6	78.3	78.4	78.4	79.0	79.1	79.1	79.6	79.6	79.9	80.0
GE 2500	62.9	66.9	73.7	78.4	79.6	79.7	80.4	80.6	80.6	81.1	81.2	81.2	81.7	81.7	82.0	82.1
GE 2000	64.0	68.3	75.2	80.1	81.2	81.3	82.1	82.2	82.2	82.8	82.9	82.9	83.3	83.3	83.7	83.8
GE 1800	64.2	68.6	75.4	80.4	81.6	81.7	82.7	82.8	82.8	83.3	83.4	83.4	83.9	83.9	84.2	84.3
GE 1500	64.9	69.3	76.2	81.2	82.4	82.6	83.6	83.7	83.7	84.2	84.3	84.3	84.8	84.8	85.1	85.2
GE 1200	65.4	70.2	77.1	82.2	83.7	83.8	84.8	85.0	85.0	85.6	85.7	85.7	86.1	86.1	86.4	86.6
GE 1000	65.6	70.3	77.4	82.6	84.0	84.1	85.1	85.3	85.3	86.0	86.1	86.1	86.6	86.6	86.9	87.0
GE 900	66.0	70.9	78.0	83.2	84.8	84.9	85.9	86.1	86.1	86.8	86.9	86.9	87.3	87.3	87.7	87.8
GE 800	66.3	71.3	78.6	84.0	85.6	85.7	86.7	86.9	86.9	87.6	87.7	87.7	88.1	88.1	88.4	88.6
GE 700	66.6	71.6	79.0	84.9	86.4	86.6	87.6	87.8	87.8	88.4	88.6	88.6	89.0	89.0	89.3	89.4
GE 600	67.1	72.3	79.9	86.0	87.6	87.7	88.7	88.9	88.9	89.7	89.8	89.8	90.2	90.2	90.6	90.7
GE 500	67.6	72.8	80.6	87.7	89.5	89.9	90.9	91.1	91.1	92.0	92.1	92.1	92.6	92.6	92.9	93.0
GE 400	67.7	72.9	80.8	88.3	90.9	91.0	92.0	92.3	92.3	93.2	93.3	93.3	93.8	93.8	94.1	94.2
GE 300	67.7	72.9	80.8	88.4	91.4	91.7	93.0	93.3	93.3	94.3	94.4	94.4	94.9	94.9	95.2	95.3
GE 200	67.7	72.9	80.9	88.6	91.8	92.0	94.3	94.7	94.7	95.7	95.8	95.8	96.7	96.7	97.0	97.1
GE 100	67.7	72.9	80.9	88.6	91.8	92.0	94.4	94.9	94.9	96.0	96.2	96.2	97.3	97.3	97.9	98.9
GE 000	67.7	72.9	80.9	88.6	91.8	92.0	94.4	94.9	94.9	96.0	96.2	96.2	97.3	97.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.6	42.4	50.2	52.7	55.7	55.9	57.0	57.3	57.3	57.8	58.2	58.2	58.8	58.8	59.2	59.6
GE 20000	39.2	46.9	55.3	58.2	61.6	61.8	62.9	63.2	63.2	63.7	64.1	64.1	64.8	64.8	65.2	65.7
GE 18000	39.2	46.9	55.3	58.2	61.6	61.8	62.9	63.2	63.2	63.7	64.1	64.1	64.8	64.8	65.2	65.7
GE 16000	39.2	46.9	55.3	58.2	61.6	61.8	62.9	63.2	63.2	63.7	64.1	64.1	64.8	64.8	65.2	65.7
GE 14000	39.2	46.9	55.3	58.2	61.6	61.8	62.9	63.2	63.2	63.7	64.1	64.1	64.8	64.8	65.2	65.7
GE 12000	39.4	47.2	55.9	58.9	62.2	62.4	63.6	63.9	63.9	64.3	64.8	64.8	65.4	65.4	65.9	66.3
GE 10000	40.8	48.9	58.1	61.1	64.7	64.9	66.0	66.3	66.3	66.8	67.2	67.2	67.9	67.9	68.3	68.8
GE 9000	41.4	49.8	59.2	62.6	66.1	66.3	67.4	67.8	67.8	68.2	68.7	68.7	69.3	69.3	69.8	70.2
GE 8000	43.2	51.8	61.3	64.9	68.4	68.7	69.8	70.1	70.1	70.6	71.0	71.0	71.7	71.7	72.2	72.7
GE 7000	44.3	53.2	62.8	66.3	69.9	70.1	71.2	71.6	71.6	72.0	72.4	72.4	73.1	73.1	73.7	74.1
GE 6000	44.6	53.4	63.3	66.9	70.4	70.7	71.8	72.1	72.1	72.6	73.0	73.0	73.7	73.7	74.2	74.7
GE 5000	45.2	54.1	64.1	67.7	71.2	71.4	72.6	72.9	72.9	73.3	73.8	73.8	74.4	74.4	75.0	75.4
GE 4500	46.0	54.9	65.1	68.7	72.2	72.4	73.6	73.9	73.9	74.3	74.8	74.8	75.4	75.4	76.0	76.4
GE 4000	46.6	56.0	66.2	69.9	73.4	73.7	74.8	75.1	75.1	75.6	76.0	76.0	76.7	76.7	77.2	77.7
GE 3500	47.8	57.6	67.9	71.6	75.1	75.3	76.4	76.8	76.8	77.2	77.7	77.7	78.3	78.3	78.9	79.3
GE 3000	49.4	59.7	70.1	73.8	77.3	77.6	78.7	79.0	79.0	79.4	79.9	79.9	80.6	80.6	81.1	81.6
GE 2500	50.3	61.1	71.7	75.4	79.2	79.4	80.6	81.0	81.0	81.4	81.9	81.9	82.6	82.6	83.1	83.6
GE 2000	51.1	62.0	72.7	76.4	80.2	80.6	81.7	82.1	82.1	82.6	83.0	83.0	83.7	83.7	84.2	84.7
GE 1800	51.2	62.1	72.8	76.5	80.3	80.7	81.8	82.2	82.2	82.7	83.1	83.1	83.8	83.8	84.3	84.8
GE 1500	51.8	62.7	73.4	77.3	81.4	81.8	82.9	83.3	83.3	83.8	84.2	84.2	84.9	84.9	85.4	85.9
GE 1200	52.2	63.3	74.1	78.1	82.6	82.9	84.1	84.6	84.6	85.0	85.4	85.4	86.1	86.1	86.7	87.1
GE 1000	52.3	63.4	74.2	78.3	82.8	83.1	84.3	84.8	84.8	85.2	85.7	85.7	86.3	86.3	86.9	87.3
GE 900	52.6	63.7	74.4	78.6	83.1	83.4	84.7	85.1	85.1	85.6	86.0	86.0	86.7	86.7	87.2	87.7
GE 800	52.8	64.1	74.9	79.0	83.6	83.9	85.1	85.6	85.6	86.0	86.4	86.4	87.2	87.2	87.8	88.2
GE 700	53.2	64.8	75.8	79.9	84.4	84.8	86.1	86.6	86.6	87.0	87.4	87.4	88.2	88.2	88.8	89.2
GE 600	53.4	65.1	76.1	80.4	85.4	85.8	87.2	87.7	87.7	88.2	88.7	88.7	89.4	89.4	90.0	90.4
GE 500	53.6	65.2	76.2	80.9	86.2	86.6	88.2	88.7	88.7	89.4	89.9	89.9	90.7	90.7	91.2	91.7
GE 400	53.6	65.2	76.3	81.3	87.1	87.7	89.9	90.3	90.3	91.1	91.6	91.6	92.3	92.3	92.9	93.3
GE 300	53.6	65.2	76.4	81.4	87.4	88.2	90.8	91.3	91.3	92.7	93.1	93.1	93.9	93.9	94.4	94.9
GE 200	53.6	65.2	76.6	81.6	87.6	88.4	91.2	91.8	91.8	93.2	93.8	93.8	94.9	94.9	95.6	96.1
GE 100	53.6	65.2	76.6	81.6	87.6	88.4	91.2	91.8	91.8	93.4	94.0	94.0	95.4	95.4	96.4	97.6
GE 000	53.6	65.2	76.6	81.6	87.6	88.4	91.2	91.8	91.8	93.4	94.0	94.0	95.4	95.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.3	53.1	53.6	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	58.6	60.3	61.0	61.8	62.0	62.0	62.0	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE 18000	58.6	60.3	61.0	61.8	62.0	62.0	62.0	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	58.6	60.3	61.0	61.8	62.0	62.0	62.0	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	58.6	60.3	61.0	61.8	62.0	62.0	62.0	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE 12000	59.2	61.1	61.8	62.6	63.0	63.0	63.0	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3
GE 10000	61.0	63.3	64.0	64.8	65.2	65.2	65.2	65.3	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	62.8	65.2	65.9	66.8	67.2	67.2	67.2	67.3	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6
GE 8000	65.8	68.6	69.6	70.8	71.2	71.2	71.2	71.3	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6
GE 7000	67.6	70.4	71.4	72.7	73.1	73.1	73.1	73.2	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6
GE 6000	67.8	70.8	71.8	73.0	73.4	73.4	73.4	73.6	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9
GE 5000	69.0	72.0	73.1	74.3	74.8	74.8	74.8	74.9	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2
GE 4500	70.1	73.1	74.2	75.4	75.9	75.9	75.9	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 4000	71.2	74.2	75.3	76.5	77.0	77.0	77.0	77.1	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	72.1	75.4	76.6	77.8	78.2	78.2	78.2	78.3	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 3000	74.3	77.8	78.9	80.1	80.7	80.8	80.9	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 2500	77.2	80.7	81.8	83.1	83.7	83.8	83.9	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3
GE 2000	78.6	82.0	83.3	84.7	85.2	85.4	85.6	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 1800	79.0	82.4	83.8	85.1	85.7	85.9	86.0	86.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4
GE 1500	80.4	83.9	85.3	86.8	87.3	87.6	87.7	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	81.9	85.7	87.2	88.7	89.4	89.7	89.8	89.9	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	82.6	86.3	88.0	89.6	90.4	90.7	90.9	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	83.4	87.3	89.1	90.7	91.9	92.1	92.3	92.4	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	84.1	88.2	90.1	91.9	93.1	93.3	93.6	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	84.6	88.8	90.8	92.6	93.9	94.1	94.3	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	84.8	89.1	91.1	93.1	94.7	94.9	95.2	95.4	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	84.8	89.1	91.2	93.4	95.0	95.4	96.0	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	85.0	89.3	91.7	93.9	95.6	96.0	96.7	97.1	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	85.0	89.3	91.7	94.0	95.7	96.1	97.1	97.9	97.9	98.6	98.8	98.8	98.8	98.8	98.9	98.9
GE 200	85.0	89.3	91.7	94.0	95.7	96.1	97.1	97.9	97.9	98.7	99.1	99.1	99.4	99.4	99.6	99.6
GE 100	85.0	89.3	91.7	94.0	95.7	96.1	97.1	97.9	97.9	98.8	99.2	99.2	99.6	99.6	99.8	99.9
GE 000	85.0	89.3	91.7	94.0	95.7	96.1	97.1	97.9	97.9	98.8	99.2	99.2	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 20000	58.1	58.9	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 18000	58.1	58.9	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 16000	58.2	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 14000	58.4	59.2	59.3	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 12000	59.2	60.2	60.4	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	62.1	63.1	63.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	64.7	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 8000	67.1	68.1	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	68.0	69.1	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 6000	68.3	69.4	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	70.2	71.6	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4500	72.3	73.9	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4000	74.4	76.1	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500	77.3	79.1	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	81.4	83.4	84.1	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2500	86.0	88.2	88.9	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	88.1	90.6	91.8	92.2	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	88.7	91.4	92.6	93.0	93.3	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	90.1	93.0	94.2	94.9	95.2	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	90.9	93.9	95.3	96.1	96.8	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	91.3	94.4	95.9	96.9	97.4	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	91.6	94.7	96.1	97.0	97.7	98.0	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	91.9	95.0	96.4	97.3	98.0	98.3	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	92.0	95.1	96.7	97.6	98.2	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	92.0	95.1	96.8	97.7	98.3	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 500	92.0	95.1	96.8	97.7	98.3	98.7	99.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	92.0	95.1	96.9	97.8	98.4	98.8	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	92.0	95.1	96.9	97.8	98.4	98.8	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	92.0	95.1	96.9	97.8	98.4	98.8	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	92.0	95.1	96.9	97.8	98.4	98.8	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	92.0	95.1	96.9	97.8	98.4	98.8	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.1	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	64.6	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000	64.6	65.3	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000	64.6	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	64.6	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 12000	65.7	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 10000	67.9	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 9000	69.2	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 8000	72.1	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 7000	74.2	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 6000	75.1	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	77.8	79.1	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4500	79.2	80.6	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4000	81.2	82.6	83.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3500	84.3	85.7	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3000	87.3	89.0	90.1	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	89.4	91.1	92.2	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	90.9	92.7	93.9	94.1	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1800	91.4	93.2	94.4	94.7	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	92.3	94.3	95.7	96.1	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	92.6	94.6	96.1	96.7	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	92.9	94.9	96.4	97.0	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	92.9	95.0	96.6	97.1	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 800	92.9	95.0	96.7	97.2	98.0	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 700	93.0	95.1	96.9	97.4	98.3	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 600	93.1	95.2	97.1	97.7	98.7	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	93.1	95.2	97.1	97.7	98.7	98.7	99.1	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	93.1	95.2	97.1	97.7	98.7	98.7	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	93.1	95.2	97.1	97.7	98.7	98.7	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	93.1	95.2	97.1	97.7	98.7	98.7	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	93.1	95.2	97.1	97.7	98.7	98.7	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	93.1	95.2	97.1	97.7	98.7	98.7	99.1	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.9	56.8	57.2	57.2	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	68.0	71.7	72.1	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 18000	68.1	71.8	72.2	72.2	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 16000	68.3	72.0	72.4	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 14000	68.6	72.2	72.7	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	69.0	72.7	73.3	73.3	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 10000	70.9	74.7	75.4	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 9000	72.6	76.4	77.2	77.2	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	74.8	78.9	80.0	80.0	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	76.3	80.8	82.0	82.1	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 6000	76.7	81.1	82.4	82.6	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 5000	78.2	82.8	84.2	84.3	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	78.9	83.4	84.9	85.0	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	80.0	84.6	86.0	86.1	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3500	81.3	86.1	87.6	87.7	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	83.3	88.2	89.8	89.9	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	83.8	88.9	90.6	90.7	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2000	84.4	89.6	91.2	91.4	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	84.7	89.8	91.4	91.7	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	85.2	90.7	92.3	92.8	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1200	85.9	91.4	93.1	93.6	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	86.7	92.4	94.2	94.9	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	86.8	92.6	94.7	95.4	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	87.2	93.0	95.1	95.9	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	87.3	93.2	95.4	96.3	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	87.4	93.4	95.7	96.7	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	87.6	93.7	96.0	97.1	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	87.9	94.1	96.4	97.6	99.1	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	87.9	94.2	96.6	97.7	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	87.9	94.2	96.6	97.7	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	87.9	94.2	96.6	97.7	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 000	87.9	94.2	96.6	97.7	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.4	57.6	58.1	58.7	58.7	58.8	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 20000	68.6	70.1	70.7	71.2	71.2	71.3	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 18000	68.7	70.2	70.8	71.3	71.3	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 16000	68.7	70.2	70.8	71.3	71.3	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 14000	68.8	70.3	70.9	71.4	71.4	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 12000	69.3	70.9	71.4	72.0	72.0	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 10000	71.2	73.0	74.3	74.9	74.9	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 9000	72.0	73.8	75.2	75.8	75.8	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 8000	73.8	75.6	77.0	77.7	77.7	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 7000	75.7	77.4	78.9	79.6	79.6	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	75.8	77.6	79.0	79.7	79.7	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 5000	77.4	79.7	81.1	81.8	81.8	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4500	78.8	81.2	82.7	83.3	83.3	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	79.8	82.2	83.3	84.4	84.4	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3500	81.6	84.1	85.7	86.3	86.3	86.6	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3000	83.4	86.0	87.6	88.2	88.2	88.4	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500	84.6	87.2	88.9	89.6	89.6	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	85.1	87.8	89.6	90.3	90.3	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	85.7	88.3	90.1	90.9	90.9	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	86.2	89.0	90.8	91.7	91.8	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	86.7	89.6	91.3	92.2	92.3	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000	87.1	90.0	92.0	93.0	93.4	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 900	87.4	90.3	92.6	93.6	94.0	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	87.7	90.6	93.0	94.0	94.6	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	88.0	91.0	93.7	94.8	95.4	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	88.9	92.2	95.2	96.4	97.1	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	89.0	92.4	95.6	97.1	98.1	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	89.1	92.7	95.9	97.6	98.6	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	89.1	92.7	96.1	97.8	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	89.1	92.7	96.1	97.8	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 100	89.1	92.7	96.1	97.8	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.7	99.7	99.8	99.9
GE 000	89.1	92.7	96.1	97.8	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.1	51.1	53.1	54.1	54.7	54.8	55.1	55.1	55.1	55.3	55.4	55.4	55.5	55.5	55.6	55.7
GE 20000	57.7	61.4	63.6	64.8	65.4	65.5	65.8	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.4	66.5
GE 18000	57.7	61.4	63.6	64.8	65.4	65.5	65.8	65.9	65.9	66.1	66.2	66.2	66.3	66.3	66.4	66.5
GE 16000	57.7	61.4	63.7	64.8	65.5	65.6	65.9	65.9	65.9	66.1	66.2	66.2	66.4	66.4	66.4	66.5
GE 14000	57.8	61.5	63.7	64.9	65.6	65.6	65.9	66.0	66.0	66.2	66.3	66.3	66.4	66.4	66.5	66.6
GE 12000	58.3	62.1	64.4	65.6	66.3	66.4	66.7	66.8	66.8	66.9	67.0	67.0	67.2	67.2	67.3	67.3
GE 10000	60.3	64.2	66.8	68.0	68.8	68.8	69.1	69.2	69.2	69.4	69.5	69.5	69.7	69.7	69.7	69.8
GE 9000	61.7	65.8	68.4	69.8	70.5	70.6	70.9	70.9	70.9	71.1	71.2	71.2	71.4	71.4	71.5	71.6
GE 8000	63.8	68.1	70.9	72.3	73.1	73.1	73.4	73.5	73.5	73.7	73.8	73.8	74.0	74.0	74.1	74.2
GE 7000	65.3	69.8	72.6	74.1	74.8	74.9	75.2	75.3	75.3	75.5	75.6	75.6	75.8	75.8	75.8	75.9
GE 6000	65.7	70.1	73.0	74.5	75.2	75.3	75.6	75.7	75.7	75.9	76.0	76.0	76.1	76.1	76.2	76.3
GE 5000	67.2	71.7	74.7	76.1	76.9	77.0	77.3	77.3	77.3	77.6	77.6	77.6	77.8	77.8	77.9	78.0
GE 4500	68.3	72.9	76.0	77.4	78.2	78.3	78.6	78.7	78.7	78.9	79.0	79.0	79.2	79.2	79.3	79.3
GE 4000	69.4	74.2	77.3	78.8	79.6	79.6	79.9	80.0	80.0	80.2	80.3	80.3	80.5	80.5	80.6	80.7
GE 3500	71.2	76.1	79.3	80.8	81.6	81.7	82.0	82.1	82.1	82.3	82.3	82.3	82.5	82.5	82.6	82.7
GE 3000	73.4	78.5	81.8	83.3	84.2	84.3	84.6	84.7	84.7	84.9	85.0	85.0	85.2	85.2	85.3	85.4
GE 2500	75.3	80.5	83.9	85.4	86.3	86.5	86.8	86.9	86.9	87.1	87.2	87.2	87.4	87.4	87.5	87.6
GE 2000	76.4	81.8	85.3	87.0	87.9	88.1	88.4	88.5	88.5	88.7	88.8	88.8	89.0	89.0	89.1	89.2
GE 1800	76.8	82.2	85.7	87.4	88.3	88.5	88.9	89.0	89.0	89.2	89.3	89.3	89.5	89.5	89.6	89.7
GE 1500	77.5	83.1	86.8	88.5	89.6	89.7	90.1	90.3	90.3	90.5	90.6	90.6	90.8	90.8	90.9	90.9
GE 1200	78.2	84.0	87.7	89.5	90.7	90.9	91.3	91.5	91.5	91.7	91.8	91.8	92.0	92.0	92.1	92.2
GE 1000	78.6	84.4	88.2	90.1	91.4	91.6	92.1	92.2	92.2	92.5	92.6	92.6	92.7	92.7	92.8	92.9
GE 900	78.9	84.8	88.7	90.6	92.0	92.2	92.7	92.9	92.9	93.1	93.2	93.2	93.4	93.4	93.5	93.6
GE 800	79.2	85.2	89.1	91.1	92.5	92.7	93.2	93.4	93.4	93.6	93.7	93.7	93.9	93.9	94.0	94.1
GE 700	79.5	85.5	89.6	91.7	93.2	93.4	93.9	94.1	94.1	94.4	94.4	94.4	94.7	94.7	94.8	94.8
GE 600	79.8	86.0	90.2	92.4	94.1	94.3	94.8	95.0	95.0	95.3	95.4	95.4	95.6	95.6	95.7	95.8
GE 500	79.9	86.1	90.5	93.0	94.9	95.1	95.8	96.1	96.1	96.4	96.5	96.5	96.7	96.7	96.8	96.9
GE 400	80.0	86.2	90.8	93.4	95.4	95.6	96.4	96.8	96.8	97.1	97.2	97.2	97.5	97.5	97.6	97.7
GE 300	80.0	86.3	90.8	93.6	95.7	95.9	96.9	97.3	97.3	97.8	97.9	97.9	98.1	98.1	98.3	98.3
GE 200	80.0	86.3	90.9	93.6	95.8	96.0	97.1	97.6	97.6	98.1	98.3	98.3	98.7	98.7	98.8	98.9
GE 100	80.0	86.3	90.9	93.6	95.8	96.0	97.2	97.6	97.6	98.2	98.4	98.4	98.9	98.9	99.1	99.5
GE 000	80.0	86.3	90.9	93.6	95.8	96.0	97.2	97.6	97.6	98.2	98.4	98.4	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	52.2	55.4	56.3	57.0	57.1	57.3	57.5	57.5	57.5	57.5	57.5	58.1	58.1	58.5	58.6
GE 20000	48.9	56.3	59.7	60.8	61.4	61.5	61.7	61.9	61.9	61.9	61.9	61.9	62.5	62.5	62.9	63.0
GE 18000	48.9	56.3	59.7	60.8	61.4	61.5	61.7	61.9	61.9	61.9	61.9	61.9	62.5	62.5	62.9	63.0
GE 16000	48.9	56.3	59.7	60.8	61.4	61.5	61.7	61.9	61.9	61.9	61.9	61.9	62.5	62.5	62.9	63.0
GE 14000	49.0	56.5	59.8	60.9	61.5	61.6	61.8	62.0	62.0	62.0	62.0	62.0	62.6	62.6	63.0	63.1
GE 12000	49.4	56.8	60.1	61.2	61.8	61.9	62.2	62.4	62.4	62.4	62.4	62.4	62.9	62.9	63.3	63.4
GE 10000	51.7	59.5	63.2	64.3	64.9	65.1	65.3	65.5	65.5	65.5	65.5	65.5	66.0	66.0	66.5	66.6
GE 9000	52.6	60.8	64.5	65.7	66.5	66.6	66.8	67.0	67.0	67.0	67.0	67.0	67.5	67.5	68.0	68.1
GE 8000	53.3	61.5	65.4	66.7	67.4	67.5	67.7	68.0	68.0	68.0	68.0	68.0	68.5	68.5	68.9	69.0
GE 7000	54.5	62.8	66.8	68.1	68.8	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.9	69.9	70.3	70.4
GE 6000	54.8	63.1	67.1	68.4	69.1	69.2	69.5	69.7	69.7	69.7	69.7	69.7	70.2	70.2	70.6	70.8
GE 5000	57.3	66.0	70.0	71.3	72.0	72.2	72.4	72.6	72.6	72.6	72.6	72.6	73.1	73.1	73.5	73.7
GE 4500	58.6	67.6	71.6	73.2	74.0	74.1	74.3	74.5	74.5	74.5	74.5	74.5	75.1	75.1	75.5	75.6
GE 4000	60.9	70.2	74.4	76.0	76.8	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.8	77.8	78.3	78.4
GE 3500	61.5	71.3	75.9	77.5	78.3	78.4	78.6	78.8	78.8	78.8	78.8	78.8	79.4	79.4	79.8	79.9
GE 3000	63.4	74.1	78.9	80.5	81.3	81.4	81.6	81.8	81.8	81.8	81.8	81.8	82.4	82.4	82.8	82.9
GE 2500	64.7	75.5	80.4	82.0	82.9	83.0	83.2	83.4	83.4	83.4	83.4	83.4	84.0	84.0	84.4	84.5
GE 2000	65.3	76.1	81.2	82.8	83.7	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.7	84.7	85.2	85.3
GE 1800	66.0	77.1	82.3	83.9	84.7	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.8	85.8	86.2	86.3
GE 1500	67.1	78.3	83.4	85.1	85.9	86.0	86.2	86.5	86.5	86.5	86.5	86.5	87.0	87.0	87.4	87.5
GE 1200	67.6	78.9	84.2	85.8	86.7	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.7	87.7	88.2	88.3
GE 1000	68.1	79.5	84.7	86.3	87.2	87.3	87.5	87.7	87.7	87.7	87.7	87.7	88.3	88.3	88.7	88.8
GE 900	68.3	79.8	85.1	86.9	87.7	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.8	88.8	89.2	89.4
GE 800	68.7	80.2	85.5	87.3	88.4	88.5	88.7	88.9	88.9	88.9	88.9	88.9	89.5	89.5	89.9	90.0
GE 700	69.0	80.5	85.9	87.7	88.8	88.9	89.2	89.5	89.5	89.5	89.5	89.5	90.0	90.0	90.4	90.5
GE 600	69.5	81.0	86.7	88.6	89.9	90.0	90.3	90.5	90.5	90.8	90.8	90.8	91.3	91.3	91.7	91.8
GE 500	69.6	81.2	87.0	89.0	90.4	90.5	91.5	91.7	91.7	91.9	91.9	91.9	92.5	92.5	92.9	93.0
GE 400	69.9	81.6	87.6	89.7	91.2	91.5	92.6	92.8	92.8	93.0	93.0	93.0	93.5	93.5	94.0	94.1
GE 300	69.9	81.6	87.7	89.8	91.8	92.3	94.0	94.3	94.3	94.8	94.8	94.8	95.5	95.5	95.9	96.0
GE 200	69.9	81.6	87.8	89.9	92.0	92.5	94.4	95.4	95.4	96.1	96.2	96.2	97.3	97.3	97.8	98.0
GE 100	69.9	81.6	87.8	89.9	92.0	92.5	94.4	95.4	95.4	96.1	96.5	96.5	97.7	97.7	98.5	98.6
GE 000	69.9	81.6	87.8	89.9	92.0	92.5	94.4	95.4	95.4	96.1	96.5	96.5	97.7	97.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.9	44.2	47.2	49.4	50.6	50.9	51.5	51.6	51.6	51.9	52.3	52.3	52.7	52.8	53.9	54.4
GE 20000	46.0	48.6	51.9	54.2	55.5	55.7	56.3	56.5	56.5	56.8	57.1	57.1	57.5	57.6	58.7	59.2
GE 18000	46.0	48.6	51.9	54.2	55.5	55.7	56.3	56.5	56.5	56.8	57.1	57.1	57.5	57.6	58.7	59.2
GE 16000	46.0	48.6	51.9	54.2	55.5	55.7	56.3	56.5	56.5	56.8	57.1	57.1	57.5	57.6	58.7	59.2
GE 14000	46.0	48.6	51.9	54.2	55.5	55.7	56.3	56.5	56.5	56.8	57.1	57.1	57.5	57.6	58.7	59.2
GE 12000	46.2	48.8	52.2	54.4	55.7	55.9	56.5	56.7	56.7	57.0	57.3	57.3	57.7	57.8	58.9	59.5
GE 10000	47.8	50.6	54.2	56.5	57.7	58.0	58.6	58.7	58.7	59.0	59.4	59.4	59.8	59.9	61.0	61.5
GE 9000	48.5	51.3	54.8	57.7	59.2	59.5	60.1	60.2	60.2	60.6	61.0	61.0	61.4	61.5	62.6	63.1
GE 8000	49.0	51.9	55.5	58.4	59.9	60.1	60.9	61.0	61.0	61.4	61.7	61.7	62.2	62.3	63.3	63.9
GE 7000	49.7	52.6	56.3	59.4	61.0	61.2	62.0	62.2	62.2	62.6	62.9	62.9	63.3	63.4	64.5	65.1
GE 6000	49.9	53.1	56.9	59.9	61.5	61.7	62.6	62.7	62.7	63.1	63.4	63.4	63.9	64.0	65.1	65.6
GE 5000	51.7	54.9	58.8	61.8	63.4	63.7	64.5	64.6	64.6	65.1	65.4	65.4	65.8	65.9	67.0	67.5
GE 4500	53.1	56.3	60.4	63.4	65.1	65.3	65.1	66.2	66.2	66.7	67.0	67.0	67.4	67.5	68.6	69.1
GE 4000	56.2	59.6	63.9	67.0	68.6	68.8	69.7	69.8	69.8	70.2	70.5	70.5	71.0	71.1	72.2	72.7
GE 3500	57.4	60.9	65.4	68.6	70.2	70.4	71.3	71.4	71.4	71.8	72.2	72.2	72.6	72.7	73.8	74.3
GE 3000	59.4	62.9	67.6	71.0	72.6	72.8	73.7	73.9	73.8	74.2	74.5	74.5	74.9	75.1	76.1	76.7
GE 2500	61.0	64.5	69.6	72.9	74.7	74.9	75.8	75.9	75.9	76.3	76.7	76.7	77.1	77.2	78.3	78.8
GE 2000	62.8	66.5	71.6	75.1	76.9	77.1	78.0	78.1	78.1	78.5	78.8	78.8	79.2	79.4	80.4	81.0
GE 1800	63.2	66.9	72.2	75.6	77.4	77.6	78.5	78.6	78.6	79.0	79.4	79.4	79.8	79.9	81.0	81.5
GE 1500	64.4	68.1	74.1	77.5	79.4	79.6	80.4	80.5	80.5	81.0	81.3	81.3	81.7	81.8	82.9	83.4
GE 1200	65.1	68.7	75.4	78.9	80.8	81.0	81.8	81.9	81.9	82.4	82.7	82.7	83.1	83.2	84.3	84.8
GE 1000	65.5	69.2	76.0	79.6	81.4	81.6	82.5	82.6	82.6	83.0	83.3	83.3	83.8	83.9	84.9	85.5
GE 900	65.6	69.5	76.3	79.9	81.7	82.0	82.9	83.0	83.0	83.4	83.8	83.8	84.2	84.3	85.4	85.9
GE 800	65.8	69.7	76.7	80.2	82.0	82.4	83.2	83.3	83.3	83.8	84.1	84.1	84.5	84.6	85.7	86.2
GE 700	66.5	70.3	77.3	81.0	82.9	83.3	84.2	84.3	84.3	84.7	85.1	85.1	85.5	85.6	86.7	87.2
GE 600	66.9	71.1	78.2	82.0	84.0	84.4	85.6	85.7	85.7	86.1	86.5	86.5	86.9	87.0	88.1	88.6
GE 500	67.1	71.5	78.8	82.8	84.8	85.3	86.5	86.9	86.9	87.5	87.8	87.8	88.3	88.4	89.5	90.0
GE 400	67.4	71.8	79.2	83.2	85.6	86.0	87.7	88.3	88.3	88.9	89.2	89.2	89.7	89.8	90.9	91.4
GE 300	67.4	71.8	79.4	83.4	86.0	86.5	88.5	89.5	89.6	90.6	91.0	91.0	91.5	91.6	92.7	93.2
GE 200	67.4	71.8	79.5	83.5	86.1	86.6	88.6	90.0	90.4	91.9	92.5	92.5	93.2	93.3	94.4	94.9
GE 100	67.4	71.8	79.5	83.5	86.1	86.6	88.6	90.0	90.4	91.9	92.9	92.9	94.1	94.2	95.9	96.7
GE 000	67.4	71.8	79.5	83.5	86.1	86.6	88.6	90.0	90.4	91.9	92.9	92.9	94.1	94.2	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.2	36.9	41.6	44.2	46.6	46.9	47.5	48.1	48.1	48.8	49.0	49.0	49.7	49.9	50.9	51.8
GE 20000	35.8	40.9	46.5	49.1	51.7	52.2	52.9	53.5	53.7	54.5	54.8	54.8	55.5	55.7	56.8	57.7
GE 18000	35.8	40.9	46.5	49.1	51.7	52.2	52.9	53.5	53.7	54.5	54.8	54.8	55.5	55.7	56.8	57.7
GE 16000	35.8	40.9	46.5	49.1	51.7	52.2	52.9	53.5	53.7	54.5	54.8	54.8	55.5	55.7	56.8	57.7
GE 14000	35.9	41.0	46.6	49.2	51.8	52.3	53.0	53.7	53.8	54.6	54.9	54.9	55.6	55.8	56.9	57.8
GE 12000	36.0	41.1	46.7	49.4	52.0	52.5	53.2	53.9	54.0	54.8	55.2	55.2	55.8	56.0	57.1	58.1
GE 10000	37.5	43.1	49.7	51.5	54.2	54.6	55.6	56.3	56.5	57.3	57.6	57.6	58.3	58.5	59.6	60.5
GE 9000	38.3	43.9	49.5	52.5	55.3	55.7	56.7	57.4	57.5	58.4	58.7	58.7	59.4	59.6	60.6	61.6
GE 8000	39.4	45.2	51.0	54.1	57.0	57.4	58.4	59.1	59.2	60.1	60.4	60.4	61.1	61.3	62.4	63.3
GE 7000	40.3	46.3	52.2	55.4	58.3	58.8	59.8	60.5	60.6	61.5	61.8	61.8	62.5	62.7	63.8	64.7
GE 6000	40.8	46.8	52.6	55.8	58.8	59.4	60.3	61.1	61.2	62.0	62.4	62.4	63.0	63.2	64.3	65.3
GE 5000	41.9	48.5	54.6	58.0	61.0	61.5	62.6	63.3	63.4	64.3	64.6	64.6	65.5	65.7	66.8	67.7
GE 4500	44.0	51.0	57.2	60.5	63.5	64.1	65.2	65.9	66.0	66.9	67.2	67.2	68.1	68.3	69.4	70.3
GE 4000	46.3	54.0	60.2	63.8	66.9	67.4	68.5	69.2	69.4	70.2	70.5	70.5	71.4	71.6	72.7	73.7
GE 3500	48.0	55.6	62.3	65.9	69.0	69.6	70.6	71.4	71.5	72.4	72.7	72.7	73.5	73.8	74.8	75.8
GE 3000	49.6	57.5	64.3	68.0	71.1	71.6	72.7	73.4	73.5	74.4	74.7	74.7	75.6	75.8	76.9	77.8
GE 2500	50.4	58.8	65.9	69.6	72.7	73.2	74.4	75.2	75.3	76.1	76.5	76.5	77.3	77.5	78.6	79.7
GE 2000	51.4	60.0	67.1	70.8	73.9	74.4	75.6	76.3	76.5	77.3	77.6	77.6	78.5	78.7	79.8	80.9
GE 1800	51.8	60.4	67.6	71.3	74.6	75.2	76.3	77.1	77.2	78.1	78.5	78.5	79.4	79.6	80.6	81.7
GE 1500	52.6	61.4	68.7	72.4	75.7	76.2	77.4	78.2	78.3	79.1	79.6	79.6	80.4	80.6	81.7	82.8
GE 1200	53.7	62.6	70.1	73.9	77.1	77.6	78.8	79.6	79.7	80.5	81.0	81.0	81.8	82.0	83.1	84.2
GE 1000	54.0	62.9	70.4	74.3	77.7	78.3	79.5	80.3	80.4	81.3	81.7	81.7	82.6	82.8	83.9	84.9
GE 900	54.2	63.2	70.8	74.6	78.1	78.6	79.9	80.8	80.9	81.7	82.2	82.2	83.0	83.2	84.3	85.5
GE 800	54.6	63.7	71.4	75.3	78.7	79.2	80.5	81.5	81.6	82.5	82.9	82.9	83.8	84.0	85.1	86.2
GE 700	54.9	63.9	71.7	75.8	79.2	79.8	81.1	82.0	82.2	83.0	83.4	83.4	84.3	84.5	85.6	86.8
GE 600	54.9	64.3	72.5	76.9	80.4	81.1	83.0	84.0	84.1	84.9	85.4	85.4	86.2	86.5	87.5	88.7
GE 500	54.9	64.3	73.0	77.6	81.4	82.2	84.2	85.3	85.4	86.2	86.7	86.7	87.5	87.7	88.8	90.0
GE 400	55.1	64.5	73.4	78.1	82.0	83.0	85.6	86.9	87.2	88.1	88.5	88.5	89.4	89.6	90.6	91.8
GE 300	55.1	64.5	73.5	78.5	82.7	83.8	86.6	88.3	88.7	89.7	90.1	90.1	91.1	91.3	92.4	93.5
GE 200	55.1	64.5	73.5	78.5	82.7	83.8	87.1	88.8	89.2	90.6	91.1	91.1	92.0	92.3	93.3	94.5
GE 100	55.1	64.5	73.5	78.5	82.7	83.8	87.1	88.8	89.2	90.6	91.3	91.3	93.0	93.2	94.8	96.6
GE 000	55.1	64.5	73.5	78.5	82.7	83.8	87.1	88.8	89.2	90.6	91.3	91.3	93.2	93.5	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.5	39.1	41.1	42.2	42.5	42.5	42.5	42.8	42.8	42.9	43.0	43.0	43.0	43.0	43.1	43.2
GE 20000	49.8	51.5	53.5	54.7	55.1	55.1	55.1	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.8	55.9
GE 18000	49.8	51.5	53.5	54.7	55.1	55.1	55.1	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.8	55.9
GE 16000	49.8	51.5	53.5	54.7	55.1	55.1	55.1	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.8	55.9
GE 14000	50.1	51.8	53.9	55.1	55.4	55.4	55.4	55.7	55.7	55.8	55.9	55.9	55.9	55.9	56.1	56.2
GE 12000	51.2	52.9	55.1	56.3	56.8	56.8	56.8	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.5	57.6
GE 10000	53.2	55.1	57.2	58.5	58.9	58.9	58.9	59.2	59.2	59.4	59.5	59.5	59.5	59.5	59.7	59.8
GE 9000	54.3	56.1	58.3	59.6	60.0	60.0	60.0	60.3	60.3	60.4	60.5	60.5	60.5	60.5	60.8	60.9
GE 8000	57.0	58.8	61.1	62.4	62.8	62.8	62.8	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.5	63.7
GE 7000	59.0	59.9	62.3	63.7	64.1	64.1	64.2	64.5	64.5	64.6	64.7	64.7	64.7	64.7	64.9	65.1
GE 6000	58.4	60.3	62.7	64.1	64.5	64.5	64.6	64.9	64.9	65.1	65.2	65.2	65.2	65.2	65.4	65.5
GE 5000	61.3	63.2	65.9	67.4	67.8	67.8	68.0	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.7	68.8
GE 4500	63.4	65.4	68.1	69.7	70.2	70.2	70.3	70.6	70.6	70.8	70.9	70.9	70.9	70.9	71.1	71.2
GE 4000	67.0	68.9	71.7	73.3	73.9	73.9	74.0	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.7	74.8
GE 3500	68.4	70.5	73.4	75.1	75.6	75.6	75.7	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.5	76.6
GE 3000	69.8	72.0	75.2	76.8	77.3	77.3	77.5	77.8	77.8	78.0	78.1	78.1	78.1	78.1	78.3	78.4
GE 2500	71.4	73.8	76.9	78.5	79.1	79.1	79.6	79.9	79.9	80.1	80.2	80.2	80.2	80.2	80.4	80.5
GE 2000	73.4	75.9	79.0	80.6	81.3	81.3	81.7	82.0	82.0	82.3	82.4	82.4	82.4	82.4	82.6	82.7
GE 1800	74.4	76.9	80.0	81.6	82.3	82.3	82.7	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.5	83.7
GE 1500	75.4	77.8	81.0	82.6	83.2	83.2	83.7	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.5	84.6
GE 1200	76.6	79.6	83.0	84.7	85.4	85.4	85.8	86.1	86.1	86.3	86.5	86.5	86.5	86.5	86.7	86.8
GE 1000	78.1	81.2	84.7	86.5	87.2	87.2	87.6	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.5	88.6
GE 900	78.5	81.6	85.4	87.1	88.1	88.1	88.7	89.0	89.0	89.4	89.5	89.5	89.5	89.5	89.7	89.8
GE 800	78.9	82.2	86.0	88.0	88.9	88.9	89.7	90.0	90.0	90.3	90.4	90.4	90.4	90.4	90.6	90.8
GE 700	79.2	82.6	86.7	88.8	89.9	90.1	91.0	91.3	91.3	91.6	91.7	91.7	91.7	91.7	91.9	92.0
GE 600	79.6	83.0	87.3	89.7	90.8	91.2	92.2	92.5	92.5	92.8	93.0	93.0	93.0	93.0	93.2	93.3
GE 500	79.6	83.1	87.6	90.0	91.1	91.6	92.8	93.1	93.1	93.4	93.7	93.7	93.7	93.7	93.9	94.0
GE 400	79.7	83.2	87.7	90.1	91.3	92.0	93.5	94.1	94.2	94.5	94.8	94.8	94.9	94.9	95.2	95.4
GE 300	79.7	83.2	87.7	90.1	91.3	92.4	94.2	95.1	95.2	95.7	96.3	96.3	96.5	96.5	96.7	96.9
GE 200	79.7	83.2	87.7	90.1	91.3	92.4	94.2	95.3	95.4	96.2	97.1	97.1	97.3	97.3	97.6	97.8
GE 100	79.7	83.2	87.7	90.1	91.3	92.4	94.2	95.3	95.4	96.5	97.3	97.3	97.6	97.6	98.6	98.9
GE 000	79.7	83.2	87.7	90.1	91.3	92.4	94.2	95.3	95.4	96.5	97.3	97.3	97.7	97.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.2	42.5	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 20000	55.9	57.7	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	55.9	57.7	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	55.9	57.7	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	56.2	58.1	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 12000	57.7	59.6	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 10000	59.2	61.2	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 9000	60.8	62.8	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 8000	63.7	66.0	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	64.6	67.1	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	64.7	67.2	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 5000	67.6	70.1	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4500	70.0	72.5	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4000	72.7	75.3	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	75.6	78.6	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	79.1	82.5	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2500	84.2	87.5	88.1	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	87.3	90.8	91.3	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1800	88.6	92.0	92.6	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	89.7	93.3	94.0	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	90.9	94.7	95.5	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	91.4	95.6	96.3	96.7	97.1	97.2	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	91.4	95.7	96.5	97.0	97.2	97.3	97.4	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	91.7	96.0	96.8	97.3	97.5	97.6	97.7	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	91.8	96.2	97.1	97.6	98.0	98.1	98.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	91.8	96.2	97.1	97.6	98.0	98.1	98.2	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	91.8	96.2	97.1	97.6	98.1	98.3	98.6	98.7	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.5
GE 400	91.8	96.2	97.1	97.6	98.1	98.4	98.7	98.8	98.8	99.4	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	91.8	96.2	97.1	97.6	98.1	98.4	98.7	98.8	98.8	99.4	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	91.8	96.2	97.1	97.6	98.1	98.4	98.7	98.8	98.8	99.4	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	91.8	96.2	97.1	97.6	98.1	98.4	98.7	98.8	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	91.8	96.2	97.1	97.6	98.1	98.4	98.7	98.8	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722200 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 76 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 20000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 18000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 10000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 9000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 8000	69.2	69.2	69.2	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 7000	70.8	71.0	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 6000	71.1	71.7	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 5000	74.7	75.4	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4500	77.4	78.1	78.7	78.[illegible]	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4000	82.[illegible]	83.6	83.[illegible]	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	85.5	86.1	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3000	88.4	89.2	89.8	90.3	90.3	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	90.9	91.8	92.0	92.5	92.5	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2000	91.2	92.5	93.0	93.3	93.4	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0
GE 1800	91.7	93.4	93.1	93.8	93.9	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1
GE 1500	92.4	93.2	94.[illegible]	94.3	94.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1
GE 1200	93.3	94.1	94.[illegible]	95.[illegible]	95.6	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
GE 1000	94.3	95.1	95.[illegible]	96.[illegible]	97.1	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
GE 800	94.5	95.4	95.2	95.[illegible]	97.4	97.5	97.[illegible]	97.[illegible]	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
GE 700	94.5	95.4	95.2	95.[illegible]	97.4	97.5	97.[illegible]	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
GE 600	94.5	95.4	95.[illegible]	97.[illegible]	97.5	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 500	94.5	95.4	95.5	97.3	97.7	97.9	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 400	94.5	95.4	95.5	97.3	97.[illegible]	97.[illegible]	98.[illegible]	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.5	99.5
GE 300	94.5	95.4	95.5	97.4	97.1	98.3	98.[illegible]	98.[illegible]	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8
GE 200	94.5	95.4	95.5	97.4	97.1	98.3	98.[illegible]	98.[illegible]	99.1	99.2	99.6	99.9	99.9	99.9	100.0	100.0
GE 100	94.5	95.4	95.5	97.4	97.1	98.3	98.9	99.0	99.1	99.2	99.6	99.9	99.9	99.9	100.0	100.0
GE 0	94.5	95.4	95.5	97.4	97.1	98.3	98.9	99.0	99.1	99.2	99.6	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722080 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.0	54.0	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	62.5	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	62.5	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 16000	62.5	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 14000	62.5	66.7	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	63.2	67.2	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 10000	68.5	70.5	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 9000	68.9	72.2	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 8000	70.5	74.4	74.[illegible]	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 7000	71.6	75.4	75.[illegible]	75.[illegible]	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 6000	71.4	75.9	76.2	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 5000	73.3	77.7	7[illegible].3	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4500	75.7	80.4	81.0	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000	78.1	83.4	84.0	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3500	80.2	85.4	85.9	86.1	86.2	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	83.3	88.1	88.7	89.0	89.2	89.1	89.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2500	85.1	91.3	91.9	92.0	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	86.9	91.9	92.9	93.2	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	86.5	92.4	93.3	93.[illegible]	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	86.8	93.7	93.8	94.2	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	87.8	93.9	94.9	95.4	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	88.5	94.5	95.5	96.0	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	88.7	94.7	95.6	96.2	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	88.9	95.2	95.2	96.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	88.9	95.3	95.3	96.9	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	89.0	95.4	95.6	97.3	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	89.0	95.4	95.7	97.4	98.6	99.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	89.1	95.5	95.8	97.5	98.7	99.9	99.4	99.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	89.1	95.5	96.0	97.5	98.7	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	89.1	95.5	96.0	97.5	98.7	99.0	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	89.1	95.5	96.0	97.5	98.7	99.0	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.1	95.5	96.0	97.5	98.7	99.0	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 83
LST TO UTC: + 5 MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.9	57.6	58.0	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 20000	65.7	66.5	67.1	67.4	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 18000	65.7	66.5	67.1	67.4	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	65.7	66.5	67.1	67.4	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 14000	65.7	66.9	67.1	67.4	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 12000	66.0	67.1	67.4	67.7	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 10000	68.2	69.2	69.9	70.3	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	69.2	70.4	71.1	71.5	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 8000	71.4	72.5	73.3	73.7	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 7000	72.6	73.8	74.6	75.2	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 6000	72.9	74.1	74.9	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	75.2	76.5	77.3	77.8	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4500	77.4	78.7	79.5	80.4	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	79.4	80.6	81.5	82.4	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3500	80.5	81.8	82.7	83.5	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3000	83.1	84.6	85.5	86.3	86.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2500	85.1	86.6	87.4	88.5	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	86.2	88.0	89.0	90.1	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	86.7	88.4	89.5	90.6	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1500	87.4	89.1	90.2	91.4	91.6	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	88.1	89.8	91.0	92.3	92.5	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000	88.7	90.5	91.7	93.3	93.5	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 900	88.9	90.8	92.2	93.5	93.8	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	89.2	91.1	92.5	93.9	94.1	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 700	89.7	91.6	93.0	94.4	94.6	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 600	90.0	91.9	93.5	94.9	95.4	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	90.2	92.2	93.7	95.5	95.9	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	90.4	92.4	94.2	95.8	96.3	96.5	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	90.4	92.4	94.2	95.9	96.5	97.1	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	90.4	92.4	94.2	95.9	96.5	97.2	97.8	98.3	98.3	98.5	98.6	98.6	99.0	99.0	99.0	99.0
GE 100	90.4	92.4	94.2	95.9	96.5	97.2	97.8	98.4	98.4	98.6	98.7	98.7	99.5	99.5	99.6	99.6
GE 000	90.4	92.4	94.2	95.9	96.5	97.2	97.8	98.4	98.4	98.6	98.7	98.7	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 636

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	46.2	47.9	48.3	49.4	49.5	49.7	49.9	49.9	50.0	50.1	50.1	50.3	50.3	50.7	50.9
GE 20000	53.1	56.2	58.1	59.0	59.6	59.7	60.0	60.1	60.1	60.3	60.4	60.4	60.6	60.6	61.0	61.2
GE 18000	53.1	56.2	58.1	59.0	59.6	59.7	60.0	60.1	60.1	60.3	60.4	60.4	60.6	60.6	61.0	61.2
GE 16000	53.1	56.2	58.1	59.0	59.6	59.7	60.0	60.1	60.1	60.3	60.4	60.4	60.6	60.6	61.0	61.2
GE 14000	53.3	56.3	58.2	59.1	59.8	59.9	60.1	60.3	60.3	60.5	60.6	60.6	60.8	60.8	61.1	61.4
GE 12000	54.0	57.0	58.9	59.9	60.6	60.7	60.9	61.1	61.1	61.2	61.3	61.3	61.5	61.6	61.9	62.1
GE 10000	56.1	59.3	61.4	62.4	63.0	63.1	63.4	63.6	63.6	63.7	63.9	63.9	64.1	64.1	64.4	64.7
GE 9000	57.2	60.5	62.6	63.7	64.4	64.5	64.6	65.0	65.0	65.2	65.3	65.3	65.5	65.5	65.9	66.1
GE 8000	59.0	62.4	64.5	65.5	66.5	66.6	66.9	67.1	67.1	67.3	67.4	67.4	67.6	67.6	67.9	68.2
GE 7000	60.1	63.5	65.8	67.1	67.8	67.9	68.2	68.4	68.4	68.6	68.7	68.7	68.9	69.0	69.3	69.5
GE 6000	60.5	64.0	66.3	67.5	68.3	68.4	68.7	68.9	68.9	69.1	69.2	69.2	69.4	69.4	69.8	70.0
GE 5000	62.7	66.5	69.9	70.2	70.9	71.0	71.4	71.6	71.6	71.7	71.8	71.8	72.1	72.1	72.5	72.7
GE 4500	65.0	68.5	71.2	72.5	73.3	73.5	73.8	74.0	74.0	74.2	74.2	74.2	74.5	74.5	74.9	75.1
GE 4000	67.7	71.9	74.4	75.8	76.6	76.7	77.1	77.3	77.3	77.4	77.5	77.5	77.8	77.8	78.2	78.4
GE 3500	69.6	73.9	76.5	77.9	78.7	78.8	79.2	79.3	79.4	79.5	79.6	79.6	79.9	79.9	80.2	80.5
GE 3000	72.0	76.5	79.3	80.7	81.5	81.7	82.0	82.2	82.2	82.4	82.5	82.5	82.7	82.8	83.1	83.3
GE 2500	74.1	78.6	81.5	83.0	83.9	84.1	84.5	84.7	84.7	84.9	85.0	85.0	85.2	85.2	85.6	85.8
GE 2000	75.5	80.2	83.1	84.7	85.6	85.7	86.1	86.3	86.3	86.5	86.6	86.6	86.8	86.9	87.2	87.5
GE 1800	76.1	80.8	83.8	85.4	86.3	86.5	86.9	87.1	87.1	87.3	87.4	87.4	87.6	87.6	88.0	88.2
GE 1500	77.0	81.7	84.9	86.5	87.4	87.6	88.0	88.2	88.2	88.4	88.5	88.5	88.7	88.8	89.1	89.4
GE 1200	77.9	82.8	86.1	87.7	88.7	88.9	89.3	89.5	89.5	89.7	89.9	89.8	90.1	90.1	90.5	90.7
GE 1000	78.6	83.6	87.0	88.7	89.7	89.9	90.3	90.5	90.5	90.7	90.9	90.9	91.1	91.1	91.5	91.7
GE 900	78.9	83.9	87.3	89.0	90.1	90.3	90.7	90.9	91.0	91.2	91.3	91.3	91.5	91.6	91.9	92.2
GE 800	79.1	84.2	87.7	89.4	90.6	90.8	91.2	91.5	91.5	91.7	91.8	91.8	92.0	92.1	92.4	92.7
GE 700	79.3	84.5	88.1	89.9	91.1	91.3	91.8	92.0	92.1	92.3	92.4	92.4	92.6	92.7	93.0	93.3
GE 600	79.5	84.8	88.5	90.5	91.8	92.1	92.7	93.0	93.0	93.3	93.4	93.4	93.7	93.7	94.1	94.3
GE 500	79.6	84.9	88.8	90.9	92.3	92.5	93.5	93.8	93.8	94.2	94.3	94.3	94.6	94.6	95.0	95.2
GE 400	79.7	85.1	89.1	91.2	92.7	93.1	94.2	94.6	94.7	95.6	95.3	95.3	95.5	95.6	95.9	96.2
GE 300	79.7	85.1	89.1	91.3	92.9	93.5	94.5	95.4	95.5	96.0	96.2	96.2	96.5	96.6	96.9	97.2
GE 200	79.7	85.1	89.2	91.3	92.9	93.5	94.9	95.7	95.8	96.5	96.9	96.9	97.3	97.4	97.7	98.0
GE 100	79.7	85.1	89.2	91.3	92.9	93.5	94.9	95.7	95.8	96.5	97.0	97.0	97.7	97.8	98.4	98.8
GE 000	79.7	85.1	89.2	91.3	92.9	93.5	94.9	95.7	95.8	96.5	97.0	97.0	97.8	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7442

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.8	51.3	53.4	54.3	54.3	54.9	55.1	55.2	55.2	55.3	55.4	55.4	55.5	55.5	55.5	55.6
GE 20000	60.3	64.9	67.4	68.5	69.2	69.2	69.5	69.6	69.6	69.7	69.8	69.8	69.9	69.9	70.0	70.0
GE 18000	60.3	64.9	67.4	68.5	69.2	69.3	69.5	69.6	69.6	69.7	69.8	69.8	69.9	69.9	70.0	70.1
GE 16000	60.3	65.0	67.4	68.5	69.2	69.3	69.5	69.6	69.6	69.8	69.8	69.8	69.9	69.9	70.0	70.1
GE 14000	60.4	65.1	67.6	68.6	69.3	69.4	69.7	69.8	69.8	69.9	69.9	69.9	70.0	70.1	70.1	70.2
GE 12000	61.1	65.8	68.3	69.4	70.1	70.2	70.4	70.5	70.5	70.7	70.7	70.7	70.8	70.8	70.9	71.0
GE 10000	63.1	68.0	70.7	71.5	72.5	72.6	72.9	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.4
GE 9000	64.9	70.0	72.5	73.9	74.6	74.7	75.0	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.5	75.6
GE 8000	67.0	72.3	75.2	76.4	77.1	77.2	77.5	77.6	77.6	77.8	77.8	77.8	77.9	77.9	78.0	78.1
GE 7000	68.4	73.9	76.8	78.0	78.8	78.9	79.2	79.3	79.3	79.4	79.5	79.5	79.6	79.6	79.7	79.8
GE 6000	68.8	74.3	77.2	78.4	79.2	79.3	79.6	79.7	79.7	79.9	79.9	79.9	80.0	80.0	80.1	80.2
GE 5000	70.0	75.6	78.6	79.9	80.7	80.8	81.1	81.2	81.2	81.3	81.4	81.4	81.5	81.5	81.6	81.7
GE 4500	71.0	76.7	79.6	81.0	81.9	82.0	82.3	82.4	82.4	82.5	82.6	82.6	82.7	82.7	82.8	82.9
GE 4000	72.7	78.5	81.7	82.9	83.8	83.9	84.2	84.3	84.3	84.5	84.5	84.5	84.6	84.6	84.7	84.8
GE 3500	74.7	80.7	83.9	85.3	86.1	86.2	86.6	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.1	87.2
GE 3000	76.8	83.0	86.3	87.7	88.6	88.8	89.1	89.3	89.3	89.4	89.5	89.5	89.6	89.6	89.7	89.8
GE 2500	78.3	84.6	88.1	89.5	90.5	90.7	91.1	91.2	91.2	91.4	91.4	91.4	91.5	91.5	91.6	91.7
GE 2000	79.2	85.6	89.2	90.7	91.7	91.9	92.3	92.4	92.4	92.6	92.7	92.7	92.8	92.8	92.9	92.9
GE 1800	79.6	86.1	89.7	91.2	92.2	92.3	92.8	92.9	92.9	93.1	93.1	93.1	93.3	93.3	93.4	93.4
GE 1500	80.2	86.8	90.5	92.0	93.0	93.2	93.6	93.8	93.8	94.0	94.0	94.0	94.2	94.2	94.3	94.3
GE 1200	80.8	87.4	91.2	92.9	93.9	94.1	94.6	94.7	94.7	94.9	95.0	95.0	95.1	95.1	95.2	95.3
GE 1000	81.1	87.8	91.7	93.4	94.5	94.6	95.1	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.8	95.9
GE 900	81.2	88.1	92.0	93.7	94.8	95.0	95.5	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.2	96.3
GE 800	81.4	88.3	92.3	94.0	95.2	95.4	95.8	96.1	96.2	96.4	96.4	96.4	96.5	96.5	96.6	96.7
GE 700	81.5	88.5	92.5	94.3	95.5	95.7	96.3	96.5	96.5	96.7	96.8	96.8	96.9	96.9	97.0	97.1
GE 600	81.7	88.6	92.8	94.6	95.9	96.1	96.8	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.5	97.6
GE 500	81.7	88.7	93.0	94.9	96.2	96.5	97.2	97.5	97.5	97.8	97.8	97.8	98.0	98.0	98.1	98.2
GE 400	81.8	88.8	93.1	95.1	96.4	96.7	97.5	97.9	97.9	98.2	98.3	98.3	98.4	98.4	98.5	98.6
GE 300	81.8	88.8	93.1	95.1	96.5	96.9	97.8	98.2	98.2	98.5	98.6	98.6	98.8	98.8	98.9	99.0
GE 200	81.8	88.8	93.1	95.1	96.5	96.9	97.9	98.3	98.3	98.7	98.9	98.9	99.1	99.1	99.2	99.3
GE 100	81.8	88.8	93.1	95.1	96.5	96.9	97.9	98.3	98.3	98.8	98.9	98.9	99.2	99.2	99.5	99.6
GE 000	81.8	88.8	93.1	95.1	96.5	96.9	97.9	98.3	98.3	98.8	98.9	98.9	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 97667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO TAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	AIRWAY CLASSES							
00-02	40.2	15.6	16.7	24.4	3.1	44.2	.9	930
03-05	37.5	15.3	12.4	29.6	3.2	44.2	1.9	930
06-08	34.7	15.9	17.4	25.6	5.4	48.4	2.9	930
09-11	23.3	19.4	20.2	30.9	2.4	53.3	.4	930
12-14	21.2	23.1	24.7	31.0		55.7		930
15-17	18.5	25.1	25.4	31.1		56.5		930
18-20	27.6	21.9	21.3	29.1		50.4		930
21-23	37.5	19.5	17.7	24.7	.4	42.9	.1	930
ALL HOURS	30.0	19.0	19.0	28.6	1.3	47.9	.8	7440

MONTH: FEB HOURS: ALL

00-02	38.0	19.9	15.4	24.5	2.1	42.0	.2	849
03-05	33.6	17.0	15.0	30.0	4.5	49.5	1.3	849
06-08	31.6	17.4	15.2	29.2	6.5	51.0	3.3	849
09-11	22.6	17.7	23.3	34.4	2.0	59.7	.6	849
12-14	14.3	22.0	32.2	31.4	.1	63.7		849
15-17	13.8	24.5	23.1	32.6		61.7		849
18-20	21.0	26.4	23.6	22.9		52.4		849
21-23	32.2	22.4	17.0	27.3	.2	45.5	.1	849
ALL HOURS	25.7	20.7	21.5	29.5	1.5	53.2	.7	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	41.5	19.5	17.1	21.9		39.0	.3	930
03-05	34.5	22.5	17.0	25.1	.5	42.7	1.2	930
06-08	26.7	24.3	17.7	27.4	1.5	47.0	2.5	930
09-11	22.2	25.2	25.3	26.6	.3	52.7	.2	930
12-14	15.3	26.5	33.8	23.7		57.4		930
15-17	13.9	30.0	32.4	23.5		55.1		930
18-20	23.9	23.1	24.5	23.5		47.1	.1	930
21-23	37.5	23.0	19.6	19.9		39.5		930
ALL HOURS	27.0	24.0	23.0	23.0	.0	47.0	.0	7440

MONTH: APR HOURS: ALL

00-02	44.2	21.9	15.6	18.3		33.9	.7	900
03-05	44.7	22.7	13.3	18.3	.5	32.7	1.2	900
06-08	35.4	26.7	20.0	16.8	1.1	37.9	2.6	900
09-11	26.1	29.7	24.7	19.4	.1	44.2		900
12-14	17.9	31.3	30.7	20.2		50.9		900
15-17	16.3	32.0	32.0	19.7		51.7		900
18-20	25.4	23.6	26.9	19.1		46.0		900
21-23	35.9	21.4	20.7	19.7		39.3		900
ALL HOURS	31.1	26.9	23.0	19.8	.2	42.1	.6	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	AIRWAY CLASSES							
00-02	41.3	23.4	19.9	15.3	.1	35.3	.2	930
03-05	39.3	28.5	17.5	15.1	.6	33.2	1.1	930
06-08	26.9	31.3	24.4	16.8	.5	41.2	2.5	930
09-11	16.9	36.3	31.1	15.8		46.9	.2	930
12-14	6.7	39.5	39.1	15.7		54.8		930
15-17	5.9	41.1	35.1	17.7	.2	53.0		930
18-20	13.5	32.3	25.2	28.8		43.9		930
21-23	32.0	27.6	22.5	17.9		40.3		930
ALL HOURS	23.0	32.0	27.0	16.0	.0	44.0	.0	7440

MONTH: JUN HOURS: ALL

00-02	25.9	31.9	25.7	16.6		42.2	.6	900
03-05	25.5	36.4	23.9	14.0	.1	38.0	1.2	900
06-08	18.0	35.7	32.7	13.0	.7	46.3	2.9	900
09-11	3.6	35.2	43.2	18.0		56.2	.4	900
12-14	3.8	33.7	44.7	17.9		62.6	.2	900
15-17	3.3	30.9	37.3	28.3	.1	65.7	.4	900
18-20	3.6	22.4	32.3	36.2	.4	69.0	.2	900
21-23	16.0	28.6	29.1	26.3		55.4	.3	900
ALL HOURS	13.7	31.5	33.5	20.7	.2	54.4	.6	7200

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	AIRWAY CLASSES							
00-02	19.5	33.9	28.2	13.4		41.6	.1	930
03-05	27.0	44.0	21.4	7.2	.4	29.0	.2	930
06-08	12.5	43.3	27.3	9.6	.4	37.7	1.1	930
09-11	5.1	44.4	39.6	10.9	.1	50.5	.6	930
12-14		36.5	48.2	15.2	.2	63.5	.8	930
15-17	.2	22.2	47.6	29.4	.5	77.5	.9	930
18-20	1.6	21.4	40.0	37.0		77.0	.2	930
21-23	5.2	32.8	34.5	23.4		57.9	.1	930
ALL HOURS	9.0	35.0	35.0	18.0	.0	54.0	.0	7440

MONTH: AUG HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	17.3	32.3	31.5	18.9		50.4		930
03-05	24.8	41.9	22.8	9.0	.5	33.2	.6	930
06-08	14.4	49.7	28.0	7.5	.4	35.9	1.3	930
09-11	4.3	42.9	41.9	10.3		52.3	.1	930
12-14		35.7	46.7	17.4	.2	64.3	.2	930
15-17	.5	22.6	45.2	31.5		76.7	.1	930
18-20	3.7	17.5	40.4	38.1	.3	78.8		930
21-23	10.9	25.6	35.4	28.2		63.5		930
ALL HOURS	9.6	33.5	35.5	22.2	.2	56.7	.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	AIRWAY CLASSES							
00-02	22.2	31.8	28.3	17.7		46.0	.9	900
03-05	25.0	36.7	21.1	14.2		35.3	1.7	900
06-08	19.1	33.9	25.6	12.0	.0	41.9	1.2	900
09-11	7.1	29.7	37.8	15.4		53.2		900
12-14	.6	34.0	45.2	19.6		64.6	.1	900
15-17	.3	31.5	41.2	26.7	.0	67.4		900
18-20	5.1	31.9	28.4	33.6		62.0	.1	900
21-23	15.7	21.2	26.8	25.3		52.1		900
ALL HOURS	12.3	34.0	32.0	20.0	.0	52.0	.0	7200

MONTH: OCT HOURS: ALL

00-02	42.8	26.7	16.8	13.5	.2	30.5	.2	930
03-05	37.6	32.3	15.7	12.6	.0	30.1	1.2	930
06-08	32.1	36.0	19.5	12.9	1.4	33.9	1.9	930
09-11	20.2	33.5	31.7	14.5		45.2	.2	930
12-14	7.3	35.3	44.2	13.5		58.[illegible]	.1	930
15-17	8.0	37.5	38.5	15.7		54.2		930
18-20	24.0	32.3	27.7	15.5		43.2	.2	928
21-23	35.5	34.2	15.9	14.1		30.0	.1	927
ALL HOURS	25.7	33.7	26.3	14.1	.3	40.4	.5	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	AIRWAY CLASSES							
00-02	31.2	23.6	18.9	20.7	.8	40.2	.8	900
03-05	30.9	23.6	18.4	24.3	2.7	45.4	2.6	900
06-08	28.1	23.2	17.1	28.9	3.7	43.7	3.1	900
09-11	23.3	25.2	25.4	24.4	1.1	51.0	.3	900
12-14	13.3	26.0	39.3	20.4		60.2		900
15-17	13.0	30.3	33.7	22.9	.1	56.7		900
18-20	21.1	28.7	27.4	22.7	.1	50.2	.2	900
21-23	29.6	26.0	23.2	20.7	.6	44.4	.2	900
ALL HOURS	23.0	27.0	25.0	22.0	1.0	49.0	.0	7200

MONTH: DEC HOURS: ALL

00-02	33.4	23.4	16.5	24.6	2.0	43.1	1.4	930
03-05	32.4	19.6	16.7	25.0	5.4	48.1	3.2	930
06-08	28.6	21.1	17.4	27.1	[illegible]	[illegible]	4.3	930
09-11	17.5	21.2	29.9	28.5	[illegible]	61.3	.4	930
12-14	11.2	24.4	36.8	27.4	.2	64.4		930
15-17	11.2	23.1	35.2	30.5		65.7		930
18-20	17.9	23.8	29.1	27.2		56.3		930
21-23	28.9	24.7	21.2	24.4	.8	46.3	.2	930
ALL HOURS	22.9	22.7	25.3	27.6	[illegible]	54.4	1.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: ALL HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	AIRWAY CLASSES							
00-02	33.1	26.2	20.9	19.1	.7	40.7	.5	10959
03-05	33.1	28.5	18.1	18.7	1.6	33.4	1.5	10959
06-08	25.6	31.4	22.1	19.4	2.4	42.9	2.4	10959
09-11	16.9	30.9	31.3	20.3	.7	52.3	.3	10959
12-14	9.3	30.3	38.8	21.1	.1	59.0	.1	10959
15-17	8.7	29.3	36.1	25.8	.1	62.0	.1	10959
18-20	16.3	26.3	29.2	27.6	.1	56.9	.1	10957
21-23	27.1	26.5	23.7	22.5	.2	46.4	.1	10956
ALL HOURS	21.3	28.7	27.5	21.7	.7	49.9	.6	87667

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PPPPPPPP      AAAAAA      PPPPPPPP      TTTTTTTTTT      EEEEEEEEEE
PPPPPPPPP    AAAAAAAA     PPPPPPPPP     TTTTTTTTTT      EEEEEEEEEE
PP      PP   AA      AA   PP      PP        TT          EE
PP      PP   AA      AA   PP      PP        TT          EE
PPPPPPPPP    AA      AA   PPPPPPPPP         TT          EEEEEE
PPPPPPPP     AAAAAAAAAA   PPPPPPPP          TT          EEEEEE
PP           AAAAAAAAAA   PP                TT          EE
PP           AA      AA   PP                TT          EE
PP           AA      AA   PP                TT          EEEEEEEEEE
PP           AA      AA   PP                TT          EEEEEEEEEE
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PART F

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).
THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1948, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.
ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. THE YEARLY AMOUNT ONLY APPEARS WHEN ALL MONTHS FOR THAT YEAR ALSO APPEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 80% OF DATA ARE AVAILABLE.

MEAN MONTHLY TEMPERATURE.
ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 80% OF DATA ARE AVAILABLE.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.
THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWS 105-55, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (EMH-18). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

TEMPERATURE CONVERSION: F = 1.8C + 32

C = K - 273.0 (BEFORE 5 APRIL 77)
C = K - 273.2 (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).
CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 4401-4610,5205-8810
MONTH: ALL HOURS: ALL

TEMP (DEG-F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE	100					.2	.3		.1					.0
GE	95				.3	2.5	6.5	7.7	7.4	2.8	.2			2.5
GE	90			1.0	9.0	27.7	53.6	68.7	68.2	46.0	8.2		.1	23.9
GE	85	.5	4.9	18.8	37.8	74.0	92.1	96.1	96.9	89.9	44.8	9.9	1.5	47.9
GE	80	15.5	23.3	44.3	71.2	95.2	98.9	99.5	99.9	97.7	81.1	45.4	20.2	66.5
GE	75	35.7	43.7	67.6	90.9	99.2	99.9	100.0	100.0	99.8	93.8	72.3	46.1	79.4
GE	70	56.3	66.2	83.4	98.1	99.9	100.0			100.0	98.8	87.5	66.7	88.2
GE	65	75.1	81.5	93.6	99.6	100.0					99.9	94.5	81.2	93.9
GE	60	86.4	91.7	97.7	99.9						100.0	98.2	91.3	97.1
GE	55	95.0	96.7	99.4	100.0							99.6	97.0	99.0
GE	50	97.8	99.3	100.0								99.9	99.2	99.7
GE	45	99.4	100.0									100.0	99.7	99.9
GE	40	99.8											99.9	100.0
GE	35	100.0											100.0	100.0
MEAN		70.0	72.3	77.1	82.3	86.9	89.7	90.6	90.5	88.7	83.3	77.3	72.0	81.8
SD		8.91	8.56	7.65	5.61	4.36	3.73	3.39	3.01	3.56	5.00	6.65	8.26	9.56
TOTAL OBS		1203	1088	1178	1140	1194	1170	1209	1209	1200	1223	1140	1178	14132

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: 4401-4610,5205-8810
LST TO UTC: +05 MONTH: ALL HOURS: ALL

TEMP (DEG-F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE	80									.2				.0
GE	75					.4	8.4	21.5	28.0	13.3	.8	.1		6.2
GE	70		.2	.7	3.2	20.9	79.5	97.0	98.2	90.0	30.3	3.7	.3	36.0
GE	65	2.2	4.0	12.5	27.1	64.3	98.0	99.8	100.0	99.2	63.7	21.1	7.9	50.7
GE	60	14.4	18.6	36.1	58.9	90.5	99.7	100.0		99.8	85.5	46.7	23.8	65.0
GE	55	31.4	37.3	58.2	82.2	98.6	99.9			100.0	94.9	67.7	40.1	76.3
GE	50	48.6	56.3	77.8	94.9	99.7	100.0				98.1	84.0	57.7	85.0
GE	45	66.2	75.0	90.6	99.1	99.8					100.0	91.9	74.2	91.5
GE	40	81.5	87.4	97.1	99.7	100.0						97.1	87.6	95.9
GE	35	93.1	96.2	99.5	100.0							99.6	96.2	98.7
GE	33	95.5	98.3	99.7								99.8	98.1	99.3
GE	30	97.9	99.8	99.9								100.0	99.2	99.7
GE	25	99.3	100.0	100.0									99.7	99.9
GE	20	99.9											100.0	100.0
GE	15	100.0												100.0
MEAN		48.7	50.7	55.6	60.3	65.7	71.2	73.0	73.4	72.3	65.6	57.5	51.3	62.2
SD		9.42	8.80	7.76	5.98	4.48	2.77	1.86	1.75	2.35	5.89	8.09	9.50	10.96
TOTAL OBS		1203	1088	1178	1140	1194	1170	1209	1209	1199	1223	1140	1178	14131

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: 4401-4610,5205-8810
LST TO UTC: +05 MONTH: ALL HOURS: ALL

TEMP (DEG-F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE	85					.8	6.6	10.1	9.8	4.3				2.7
GE	80			.1	3.1	21.8	69.9	90.3	92.1	73.2	15.0	.5		31.0
GE	75	.7	3.2	13.5	31.7	74.5	98.5	99.8	99.9	97.9	57.6	14.0	4.1	50.3
GE	70	13.1	18.9	38.3	67.5	96.0	99.9	100.0	100.0	100.0	85.6	46.8	20.6	66.1
GE	65	32.8	39.5	65.5	89.9	99.7	100.0				96.0	71.6	43.4	78.6
GE	60	52.4	61.9	83.0	98.9	100.0					99.2	86.8	61.5	87.2
GE	55	70.9	80.9	93.5	99.6						100.0	94.7	80.2	93.4
GE	50	87.2	92.4	99.4	100.0							98.5	92.2	97.4
GE	45	95.8	97.9	99.7								99.8	97.4	99.2
GE	40	98.2	99.7	99.9								100.0	99.5	99.8
GE	35	99.7	100.0	100.0									99.7	100.0
GE	33	99.8											99.8	100.0
GE	30	99.9											99.9	100.0
GE	25	100.0											100.0	100.0
MEAN		59.6	61.7	66.6	71.5	76.6	80.7	82.0	82.2	80.7	74.7	67.6	61.9	72.3
SD		8.58	8.03	7.14	5.12	3.70	2.63	2.03	1.95	2.46	4.91	6.90	8.36	9.93
TOTAL OBS		1203	1088	1178	1140	1194	1170	1209	1209	1199	1223	1140	1178	14131

OPERATING LOCATION 'A'
JSAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 4401-4610,5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
44	81*	87	89	91	93	100	95	95	96	91	82	81	100*
45	81	86	91	96	101	100	94	94	93	90	84	81	101
46	82	84*							93	89*			93*
52					93*	97	95	94	95	90	85	78	97*
53	80	84	87	91	100	95	95	96	93	87	84	83	100
54	83	83	89	90	91	97	95	97	94	91	84	80	97
55	80	82	89	88	94	94	93	95	92	90	84	84	95
56	81	85	89	90	97	94	96	96	91	88	85	84	97
57	84	85	88	89	91	93	95	96	95	87	88	79	96
58	75	83	83	95	92	94	93	97	94	95	86	82	97
59	82	86	85	86	93	97	94	95	91	91	86	81	97
60	83	80	84	85	94	94	94	95	90	89	85	81	95
61	82	87	86	89	92	94	98	97	93	91	86	85	98
62	84	89	86	90	98	93	96	93	94	92	83	82	98
63	86	80	88	90	93	95	94	97	92	88	81	81	97
64	83	80	86	90	93	95	95	94	91	92	86	83	95
65	86	85	88	92	94	93	94	91	90	90	81	81	94
66	78	83	85	88	92	93	94	93	91	91	82	79	94
67	85	84	86	91	97	93	95	92	91	88	86	86	97
68	84	77	85	95	90	91	94	92	94	91	83	84	95
69	80	81	84	91	90	96	97	94	91	89	83	82	97
70	82	79	90	90	90	95	95	94	94	90	87	83	95
71	82	88	87	92	92	94	94	97	91	92	88	84	97
72	85	86	87	92	89	94	96	98	97	89	86	84	98
73	82	83	86	88	96	92	91	91	91	89	88	83	96
74	84	84	90	92	95	95	94	94	93	89	87	82	95
75	84	87	90	93	94	94	93	94	94	90	87	82	94
76	84	86	88	91	93	92	97	94	93	91	85	84	97
77	78	85	90	90	93	99	95	94	97	93	86	85	99
78	84	80	89	93	96	96	97	94	95	92	88	90	97
79	83	84	85	90	92	94	96	96	92	90	87	83	96
80	82	85	90	90	93	96	99	100	95	92	89	81	100

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 4401-4610,5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	77	83	90	91	95	98	93	96	93	94	85	83	98
82	86	87	90	92	92	95	94	94	95	90	86	87	95
83	83	83	87	88	93	92	97	95	95	90	85	85	97
84	81	83	86	88	94	94	93	94	93	89	85	84	94
85	84	87	87	91	95	100	95	95	94	92	87	84	100
86	82	86	88	92	96	96	96	96	93	95	89	86	96
87	85	84	86	90	92	98	96	99	96	89	86	82	99
88	82	89	86	93	94	95	95	95	98	92			98*
GREATEST	86	89	91	96	101	100	99	100	98	95	89	90	101
TOTAL OBS	1203	1088	1178	1140	1194	1170	1209	1209	1200	1223	1140	1178	14132

THE GREATEST VALUE OF 101 OCCURRED ON 05/31/45

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 4401-4610,5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
44	35*	38	44	36	56	64	68	68	66	45	41	32	32*
45	39	35	42	54	44	66	69	68	68	53	30	34	30
46	35	42*							65	60*			35*
52					59*	67	70	70	69	49	41	34	34*
53	36	40	45	49	60	68	70	72	66	49	43	37	36
54	39	42	36	58	61	67	70	71	70	49	38	32	32
55	35	33	41	49	58	61	69	70	71	48	39	38	33
56	32	39	40	50	59	64	70	70	60	60	33	35	32
57	36	42	39	57	60	68	70	65	68	45	47	26	26
58	27	29	44	55	56	69	70	72	70	53	54	38	27
59	30	48	44	49	63	69	70	71	69	58	34	36	30
60	33	33	37	48	51	63	71	69	71	61	52	32	32
61	33	39	41	48	53	64	70	70	67	48	52	33	33
62	34	43	34	47	61	68	71	72	64	53	43	21	21
63	36	37	46	49	58	66	70	70	67	45	41	33	33
64	28	38	41	49	61	68	69	72	66	51	45	39	28
65	29	33	37	53	51	59	67	69	66	51	43	39	29
66	24	33	40	47	65	63	72	71	64	50	39	32	24
67	32	29	48	48	55	69	71	70	66	55	47	40	29
68	36	32	31	51	54	68	70	70	67	47	38	29	29
69	38	31	38	54	57	66	70	69	70	65	37	40	31
70	29	30	39	52	57	64	64	68	65	60	32	33	29
71	25	32	38	40	46	61	69	70	69	62	45	52	25
72	38	39	48	47	61	65	68	70	67	57	46	36	36
73	35	35	44	46	53	66	69	66	71	46	46	32	32
74	56	32	44	47	60	69	59	70	70	55	42	34	32
75	33	42	39	41	63	69	65	69	68	58	37	32	32
76	30	33	43	49	57	67	69	71	66	52	37	33	30
77	20	30	37	45	55	69	69	71	70	45	41	31	20
78	30	31	40	51	58	70	71	69	67	55	48	45	30
79	28	33	42	48	53	66	70	70	70	55	37	38	28
80	31	32	25	48	59	61	71	71	67	47	39	37	25

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 4401-4610,5205-8810
MONTH: ALL HOURS: ALL

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	20	31	35	50	52	65	64	72	57	53	35	30	20
82	23	42	40	49	60	69	69	69	64	47	47	36	23
83	33	36	36	48	57	68	71	73	64	56	39	20	20
84	34	34	33	49	55	63	68	68	67	57	38	33	33
85	19	32	41	46	60	69	69	70	67	61	46	26	19
86	26	39	35	47	56	70	63	72	69	60	53	49	26
87	32	39	44	35	56	68	70	72	68	55	43	38	32
88	36	37	42	49	57	64	68	71	70	54			36*
LEAST	19	29	25	36	44	53	64	65	57	45	30	20	19
TOTAL OBS	1203	1088	1178	1140	1194	1170	1209	1209	1199	1223	1140	1178	14131

THE LEAST VALUE OF 19 OCCURRED ON 01/21/85

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 80% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 4401-4610,5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
44	59*	66	69	72	74	81	81	81	81	71	65	58	72*
45	59	65	71	74	74	80	81	81	80	74	64	59	72
46	61	62*							80	74*			70*
52					80*	82	82	82	81	74	67	59	76*
53	61	64	70	72	80	81	83	82	80	73	67	64	73
54	63	63	65	75	76	81	82	83	81	73	64	58	72
55	59	63	68	73	73	79	81	82	81	73	66	62	72
56	56	65	66	70	78	80	82	83	79	74	65	65	72
57	65	68	65	73	77	81	82	81	81	72	70	60	73
58	53	53	64	72	75	81	82	82	82	73	72	62	71
59	59	68	64	71	78	81	81	81	80	78	68	62	73
60	61	60	61	71	75	79	82	82	80	77	71	59	72
61	58	65	70	69	76	80	82	82	81	74	70	64	73
62	61	65	64	70	79	80	83	82	80	75	64	59	72
63	60	58	69	73	77	81	82	82	80	73	65	55	71
64	58	59	67	73	76	82	82	83	80	73	70	65	72
65	60	64	67	74	75	79	80	80	79	73	67	61	72
66	57	61	65	70	75	77	83	82	79	74	64	59	71
67	62	59	67	72	77	80	82	82	80	74	68	68	73
68	62	54	61	73	76	79	81	81	79	73	63	59	70
69	60	58	66	72	75	82	83	81	80	77	65	61	71
70	56	57	66	74	74	79	81	81	80	75	62	62	71
71	60	62	63	69	75	79	81	83	81	78	69	70	73
72	68	63	69	72	76	81	82	82	80	75	68	64	73
73	61	58	69	69	75	79	81	80	80	76	71	61	72
74	71	61	70	72	78	80	81	82	82	73	68	61	73
75	66	68	68	72	79	81	81	82	81	77	68	60	74
76	57	64	71	72	77	80	83	82	81	73	63	60	72
77	51	58	70	71	75	83	82	82	83	73	70	61	72
78	57	56	66	74	79	83	83	83	82	75	73	67	73
79	58	58	65	74	76	81	84	83	82	75	69	63	72
80	61	57	63	71	77	80	84	84	82	76	67	59	72

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: +05

PERIOD OF RECORD: 4401-4610,5205-8810
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	52	62	64	73	77	83	84	83	80	77	65	61	72
82	60	69	71	73	75	82	83	82	81	74	71	67	74
83	58	60	64	69	77	81	83	84	81	77	66	61	72
84	58	61	65	69	76	79	81	82	79	76	66	66	72
85	55	62	69	71	77	83	82	83	80	80	73	59	73
86	60	65	66	70	77	82	83	83	82	78	76	68	74
87	59	63	66	67	77	83	84	85	83	72	69	64	73
88	59	61	66	72	76	81	81	83	84	74			74*
MEAN	59.6	61.7	66.5	71.5	76.6	80.7	82.0	82.2	80.7	74.7	67.6	61.9	72.3
TOTAL OBS	1203	1098	1178	1140	1194	1170	1209	1209	1199	1223	1140	1178	14131

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	52.3	9.587	930	0	15	102	0	0	930
03-05	50.7	10.199	930	0	33	100	0	0	930
06-08	50.2	10.671	930	0	39	98	0	0	930
09-11	58.0	10.095	930	0	14	267	1	0	930
12-14	65.6	9.362	930	0	3	521	48	0	930
15-17	66.5	9.704	930	0	0	576	56	0	930
18-20	59.6	8.752	930	0	3	302	1	0	930
21-23	54.7	9.107	930	0	14	149	0	0	930
ALL HOURS	57.2	11.267	7440	0	124	2114	106	0	7440

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	55.7	8.637	849	0	0	142	0	0	849
03-05	54.3	9.045	849	0	0	111	0	0	849
06-08	53.9	9.276	849	0	1	103	0	0	849
09-11	62.2	9.055	849	0	0	382	1	0	849
12-14	69.4	8.866	849	0	0	615	96	0	849
15-17	70.3	8.574	849	0	0	634	143	0	849
18-20	63.9	8.713	849	0	0	441	13	0	849
21-23	58.5	8.503	849	0	0	227	0	0	849
ALL HOURS	61.0	10.745	6792	0	1	2660	253	0	6792

OPERATING LOCATION MAM
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	59.7	7.753	930	0	3	283	0	0	930
03-05	58.1	8.039	930	0	3	219	0	0	930
06-08	58.4	8.150	930	0	3	226	0	0	930
09-11	67.8	7.818	930	0	1	652	27	0	930
12-14	73.9	7.754	930	0	0	818	223	0	930
15-17	74.8	7.667	930	0	0	841	269	0	930
18-20	68.6	7.780	930	0	0	683	60	0	930
21-23	62.7	7.519	930	0	2	422	0	0	930
ALL HOURS	65.5	9.991	7440	0	12	4144	579	0	7440

MONTH: APR

00-02	63.6	5.911	900	0	0	432	0	0	900
03-05	61.6	6.165	900	0	0	312	0	0	900
06-08	63.3	6.413	900	0	0	429	0	0	900
09-11	74.0	5.967	900	0	0	828	162	0	900
12-14	79.3	6.196	900	0	0	885	506	1	900
15-17	79.8	6.182	900	0	0	891	506	0	900
18-20	73.7	6.129	900	0	0	840	159	0	900
21-23	67.3	5.672	900	0	0	646	1	0	900
ALL HOURS	70.3	9.175	7200	0	0	5263	1334	1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	68.8	4.006	930	0	0	790	0	0	930
03-05	67.1	4.195	930	0	0	691	0	0	930
06-08	69.9	4.769	930	0	0	814	4	0	930
09-11	79.5	4.020	930	0	0	930	524	0	930
12-14	84.4	4.674	930	0	0	930	812	14	930
15-17	83.8	5.585	930	0	0	928	750	32	930
18-20	77.6	5.153	930	0	0	927	323	2	930
21-23	71.8	4.010	930	0	0	899	16	0	930
ALL HOURS	75.4	7.890	7440	0	0	6899	2429	48	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	74.2	2.770	900	0	0	892	6	0	900
03-05	72.9	2.927	900	0	0	887	0	0	900
06-08	75.5	3.615	900	0	0	892	125	0	900
09-11	84.0	3.396	900	0	0	900	815	2	900
12-14	87.7	4.535	900	0	0	900	842	95	900
15-17	86.4	5.609	900	0	0	900	773	128	900
18-20	80.9	4.668	900	0	0	900	519	7	900
21-23	76.4	2.805	900	0	0	900	132	0	900
ALL HOURS	79.7	6.714	7200	0	0	7171	3212	232	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	75.8	2.214	930	0	0	930	42	0	930
03-05	74.7	2.076	930	0	0	930	1	0	930
06-08	77.0	3.055	930	0	0	930	214	0	930
09-11	85.5	3.124	930	0	0	930	895	5	930
12-14	88.9	4.360	930	0	0	930	877	132	930
15-17	86.3	6.287	930	0	0	930	758	165	930
18-20	81.1	5.000	930	0	0	930	541	9	930
21-23	77.5	2.971	930	0	0	930	218	0	930
ALL HOURS	80.8	6.317	7440	0	0	7440	3546	311	7440

MONTH: AUG

00-02	76.4	1.822	930	0	0	930	44	0	930
03-05	75.4	1.641	930	0	0	930	7	0	930
06-08	77.1	2.712	930	0	0	930	220	0	930
09-11	85.5	3.079	930	0	0	930	888	2	930
12-14	88.5	4.617	930	0	0	930	860	116	930
15-17	86.0	5.754	930	0	0	930	775	124	930
18-20	81.0	4.151	930	0	0	930	587	5	930
21-23	77.8	2.383	930	0	0	930	202	0	930
ALL HOURS	81.0	5.940	7440	0	0	7440	3583	247	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	74.8	2.738	900	0	0	897	30	0	900
03-05	73.9	2.837	900	0	0	893	14	0	900
06-08	75.3	3.413	900	0	0	895	93	0	900
09-11	83.5	3.859	900	0	0	900	782	2	900
12-14	87.0	4.625	900	0	0	900	820	48	900
15-17	85.0	5.377	900	0	0	900	736	50	900
18-20	79.4	3.876	900	0	0	899	405	1	900
21-23	76.1	2.854	900	0	0	897	94	0	900
ALL HOURS	79.4	6.118	7200	0	0	7181	2974	101	7200

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	68.9	5.027	930	0	0	744	0	0	930
03-05	67.7	5.335	930	0	0	690	0	0	930
06-08	68.7	5.450	930	0	0	726	2	0	930
09-11	78.3	5.012	930	0	0	921	437	0	930
12-14	82.8	4.608	930	0	0	927	719	3	930
15-17	81.5	4.847	930	0	0	927	633	1	930
18-20	74.7	4.818	928	0	0	899	128	0	928
21-23	70.7	4.830	927	0	0	825	5	0	927
ALL HOURS	74.2	7.594	7435	0	0	6659	1924	4	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	63.4	7.366	900	0	0	487	0	0	900
03-05	62.3	7.850	900	0	0	430	0	0	900
06-08	62.3	8.192	900	0	0	437	0	0	900
09-11	71.5	7.485	900	0	0	745	100	0	900
12-14	77.0	6.544	900	0	0	841	389	0	900
15-17	76.0	6.360	900	0	0	840	305	0	900
18-20	68.9	6.659	900	0	0	686	9	0	900
21-23	65.1	7.083	900	0	0	560	0	0	900
ALL HOURS	68.3	9.100	7200	0	0	5026	803	0	7200

MONTH: DEC

00-02	57.9	9.170	930	0	10	268	0	0	930
03-05	56.6	9.533	930	0	13	220	0	0	930
06-08	56.2	9.883	930	0	16	213	0	0	930
09-11	63.9	10.063	930	0	9	490	15	0	930
12-14	70.8	9.245	930	0	1	726	144	0	930
15-17	70.6	8.701	930	0	0	723	122	0	930
18-20	63.8	8.833	930	0	2	508	1	0	930
21-23	60.0	8.959	930	0	5	365	1	0	930
ALL HOURS	62.5	10.829	7440	0	56	3513	283	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	66.0	10.168	10959	0	31	6897	122	0	10959
03-05	64.6	10.488	10959	0	49	6413	22	0	10959
06-08	65.7	11.461	10959	0	59	6698	658	0	10959
09-11	74.6	11.439	10959	0	24	8875	4647	11	10959
12-14	79.6	10.212	10959	0	4	9923	6336	409	10959
15-17	78.9	9.001	10959	0	0	10020	5826	500	10959
18-20	72.8	9.753	10957	0	5	8945	2746	24	10957
21-23	68.2	9.825	10956	0	21	7739	669	0	10956
ALL HOURS	71.3	11.819	87667	0	193	65510	21026	944	87667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	50.0	10.146	930	42	472	33	0	0	930
03-05	48.7	10.726	930	54	439	28	0	0	930
06-08	48.3	11.101	930	57	425	30	0	0	930
09-11	53.2	10.459	930	25	600	95	3	0	930
12-14	56.4	9.513	930	13	712	145	8	0	930
15-17	56.4	8.897	930	7	718	128	3	0	930
18-20	53.5	9.308	930	16	613	66	0	0	930
21-23	51.3	9.664	930	27	512	45	0	0	930
ALL HOURS	52.2	10.447	7440	241	4491	570	14	0	7440

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	53.4	9.276	849	11	575	40	0	0	849
03-05	52.5	9.632	849	15	550	35	0	0	849
06-08	52.3	9.961	849	25	545	46	0	0	849
09-11	56.9	9.568	849	5	656	130	4	0	849
12-14	59.3	8.853	849	0	707	200	12	0	849
15-17	59.2	8.416	849	0	708	181	2	0	849
18-20	56.9	8.722	849	1	665	103	0	0	849
21-23	54.8	8.933	849	5	617	60	0	0	849
ALL HOURS	55.5	9.525	6792	53	5023	795	18	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	57.3	8.162	930	6	765	113	0	0	930
03-05	56.3	8.477	930	4	737	102	0	0	930
06-08	56.5	8.614	930	6	741	97	3	0	930
09-11	60.7	7.976	930	3	839	246	18	0	930
12-14	62.2	7.393	930	0	874	283	40	0	930
15-17	62.1	7.065	930	0	884	281	22	0	930
18-20	60.2	7.524	930	2	844	199	13	0	930
21-23	58.5	7.822	930	3	796	127	2	0	930
ALL HOURS	59.2	8.232	7440	24	6480	1448	98	0	7440

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	60.7	6.299	900	0	855	173	0	0	900
03-05	59.7	6.593	900	0	834	142	3	0	900
06-08	60.8	6.646	900	0	841	190	6	0	900
09-11	64.7	6.209	900	0	880	426	60	0	900
12-14	65.5	5.762	900	0	892	455	86	0	900
15-17	65.3	5.549	900	0	894	431	76	0	900
18-20	63.7	5.822	900	0	887	331	34	0	900
21-23	62.1	6.018	900	0	879	251	17	0	900
ALL HOURS	62.8	6.465	7200	0	6962	2399	282	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	66.3	4.326	930	0	930	493	48	0	930
03-05	65.6	4.545	930	0	930	438	32	0	930
06-08	67.3	4.574	930	0	929	562	113	0	930
09-11	70.2	3.935	930	0	930	770	297	0	930
12-14	70.6	3.711	930	0	930	785	297	3	930
15-17	70.1	3.749	930	0	930	769	258	1	930
18-20	68.6	3.871	930	0	930	683	153	0	930
21-23	67.2	4.151	930	0	930	572	77	0	930
ALL HOURS	68.2	4.474	7440	0	7439	5072	1275	4	7440

MONTH: JUN

00-02	72.1	2.782	900	0	900	859	451	0	900
03-05	71.5	2.807	900	0	900	844	358	0	900
06-08	73.2	2.934	900	0	900	874	601	0	900
09-11	75.6	2.508	900	0	900	894	809	15	900
12-14	75.6	2.475	900	0	900	893	803	22	900
15-17	75.1	2.462	900	0	900	893	767	15	900
18-20	73.8	2.535	900	0	900	885	665	9	900
21-23	72.8	2.476	900	0	900	880	547	2	900
ALL HOURS	73.7	3.058	7200	0	7200	7022	5001	63	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	73.7	1.643	930	0	930	929	704	0	930
03-05	73.2	1.819	930	0	930	923	623	0	930
06-08	74.5	2.096	930	0	930	929	774	5	930
09-11	77.2	1.806	930	0	930	930	914	74	930
12-14	77.1	1.958	930	0	930	930	909	86	930
15-17	76.0	2.166	930	0	930	930	877	32	930
18-20	74.8	2.187	930	0	930	930	809	12	930
21-23	74.1	1.874	930	0	930	930	759	3	930
ALL HOURS	75.1	2.382	7440	0	7440	7431	6369	212	7440

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	74.3	1.602	930	0	930	930	802	0	930
03-05	73.9	1.462	930	0	930	930	758	0	930
06-08	74.9	1.896	930	0	930	930	813	6	930
09-11	77.5	1.454	930	0	930	930	923	71	930
12-14	77.3	1.613	930	0	930	930	912	74	930
15-17	76.3	2.025	930	0	930	930	883	36	930
18-20	75.3	1.715	930	0	930	930	861	9	930
21-23	74.6	1.583	930	0	930	930	817	0	930
ALL HOURS	75.5	2.083	7440	0	7440	7440	6769	196	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	72.8	2.674	900	0	900	877	571	0	900
03-05	72.3	2.659	900	0	900	871	509	1	900
06-08	73.2	2.954	900	0	900	869	600	2	900
09-11	76.1	2.436	900	0	900	896	812	21	900
12-14	75.9	2.344	900	0	900	897	814	23	900
15-17	75.2	2.416	900	0	900	897	785	21	900
18-20	73.9	2.428	900	0	900	896	696	1	900
21-23	73.1	2.562	900	0	900	882	599	0	900
ALL HOURS	74.1	2.963	7200	0	7200	7085	5386	69	7200

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	66.7	5.557	930	0	926	556	118	0	930
03-05	65.9	5.815	930	0	922	505	66	0	930
06-08	66.5	6.011	930	0	922	546	126	0	930
09-11	70.6	5.070	930	0	930	742	404	0	930
12-14	71.0	4.520	930	0	930	768	422	0	930
15-17	70.5	4.440	930	0	930	751	373	0	930
18-20	68.7	4.949	929	0	929	662	235	0	928
21-23	67.4	5.218	927	0	926	582	152	0	927
ALL HOURS	68.4	5.588	7435	0	7414	5112	1896	0	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	61.6	7.881	900	0	807	289	15	0	900
03-05	60.7	8.330	900	0	780	266	10	0	900
06-08	60.7	8.626	900	0	776	271	22	0	900
09-11	65.5	7.867	900	0	855	520	145	0	900
12-14	66.8	6.944	900	0	871	587	186	0	900
15-17	66.1	6.850	900	0	873	545	134	0	900
18-20	63.9	7.317	900	0	851	423	51	0	900
21-23	62.4	7.592	900	0	833	333	19	0	900
ALL HOURS	63.5	8.031	7200	0	6646	3234	582	0	7200

MONTH: DEC

00-02	55.8	9.884	930	23	681	113	0	0	930
03-05	54.8	10.170	930	25	662	97	0	0	930
06-08	54.4	10.519	930	25	653	97	3	0	930
09-11	59.1	10.375	930	14	762	261	42	0	930
12-14	61.6	9.279	930	12	824	330	63	0	930
15-17	61.3	8.912	930	3	830	285	52	0	930
18-20	58.8	9.268	930	12	773	203	9	0	930
21-23	57.1	9.651	930	18	725	149	4	0	930
ALL HOURS	57.9	10.106	7440	132	5910	1535	173	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	63.7	10.493	10959	82	9671	5405	2709	0	10959
03-05	63.0	10.852	10959	98	9514	5181	2359	1	10959
06-08	63.6	11.471	10959	113	9492	5441	3061	13	10959
09-11	67.3	10.539	10959	47	10112	6840	4431	181	10959
12-14	68.3	9.324	10959	25	10400	7203	4552	208	10959
15-17	67.8	9.959	10959	10	10427	7021	4232	105	10959
18-20	66.1	9.550	10957	31	10151	6311	3526	31	10957
21-23	64.7	10.043	10956	54	9878	5741	2993	5	10956
ALL HOURS	65.6	10.371	87667	460	79645	49143	27863	544	87667

OPERATING LOCATION MAM
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	47.5	11.970	930	51	776	649	53	930
03-05	46.5	12.693	930	58	723	669	60	930
06-08	46.1	12.934	930	64	698	682	66	930
09-11	48.4	13.566	930	71	733	597	106	930
12-14	47.9	14.147	930	77	737	599	88	930
15-17	47.0	14.210	930	115	719	615	62	930
18-20	47.5	13.000	930	79	744	626	68	930
21-23	47.9	11.785	930	46	784	637	58	930
ALL HOURS	47.3	13.096	7440	531	5919	5074	561	7440

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	51.2	10.960	849	22	744	498	71	849
03-05	50.7	11.293	849	22	736	510	67	849
06-08	50.7	11.747	849	40	727	504	83	849
09-11	52.0	12.998	849	55	729	424	124	849
12-14	50.8	13.299	849	60	713	461	97	849
15-17	49.7	13.587	849	73	686	471	78	849
18-20	50.7	12.231	849	49	717	459	65	849
21-23	51.5	10.853	849	15	736	495	70	849
ALL HOURS	50.9	12.191	6792	345	5738	3812	655	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	55.3	9.475	930	7	858	413	155	930
03-05	54.9	9.779	930	11	882	430	142	930
06-08	54.5	10.036	930	15	868	409	139	930
09-11	55.3	11.005	930	21	865	338	204	930
12-14	53.6	11.017	930	23	854	461	146	930
15-17	52.5	11.082	930	27	833	487	92	930
18-20	53.8	10.592	930	23	855	459	128	930
21-23	55.3	9.487	930	9	887	417	150	930
ALL HOURS	54.4	10.394	7440	135	6933	3464	1156	7440

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	58.7	7.357	900	0	885	272	224	900
03-05	58.3	7.479	900	0	855	279	197	900
06-08	59.0	7.836	900	3	886	252	261	900
09-11	58.4	9.320	900	7	873	294	288	900
12-14	56.3	9.239	900	0	856	362	190	900
15-17	55.6	9.490	900	0	865	399	181	900
18-20	56.6	9.232	900	1	872	358	226	900
21-23	58.6	7.810	900	0	893	291	253	900
ALL HOURS	57.7	8.638	7200	11	7026	2513	1820	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	64.8	4.920	930	0	930	51	541	930
03-05	64.6	5.031	930	0	930	54	539	930
06-08	65.8	5.234	930	0	930	36	603	930
09-11	65.0	6.148	930	0	930	76	547	930
12-14	63.0	6.323	930	0	930	120	418	930
15-17	62.6	6.387	930	0	930	156	399	930
18-20	63.5	6.116	930	0	930	100	475	930
21-23	64.6	5.274	930	0	930	71	543	930
ALL HOURS	64.2	5.946	7440	0	7440	646	4065	7440

MONTH: JUN

00-02	71.0	3.166	900	0	900	4	867	900
03-05	70.8	2.963	900	0	900	3	864	900
06-08	72.1	2.995	900	0	900	1	875	900
09-11	71.9	3.412	900	0	900	3	860	900
12-14	70.2	3.830	900	0	900	7	831	900
15-17	69.9	4.145	900	0	900	6	802	900
18-20	70.6	3.863	900	0	900	7	830	900
21-23	71.1	3.198	900	0	900	1	864	900
ALL HOURS	70.9	3.606	7200	0	7200	32	6793	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	72.7	1.911	930	0	930	0	930	930
03-05	72.4	1.980	930	0	930	0	929	930
06-08	73.5	2.134	930	0	930	0	929	930
09-11	73.9	2.590	930	0	930	0	923	930
12-14	72.2	2.786	930	0	930	1	918	930
15-17	71.7	2.797	930	0	930	2	919	930
18-20	72.1	2.514	930	0	930	0	924	930
21-23	72.6	2.100	930	0	930	0	929	930
ALL HOURS	72.6	2.574	7440	0	7440	3	7401	7440

MONTH: AUG

00-02	73.3	1.824	930	0	930	0	930	930
03-05	73.1	1.795	930	0	930	0	930	930
06-08	73.9	1.995	930	0	930	0	930	930
09-11	74.3	1.992	930	0	930	0	930	930
12-14	72.6	2.202	930	0	930	0	928	930
15-17	72.2	2.715	930	0	930	0	913	930
18-20	72.9	2.302	930	0	930	0	927	930
21-23	73.2	1.986	930	0	930	0	930	930
ALL HOURS	73.2	2.321	7440	0	7440	0	7418	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	71.8	2.945	900	0	900	4	877	900
03-05	71.6	2.943	900	0	900	4	880	900
06-08	72.3	3.166	900	0	900	3	882	900
09-11	72.9	3.209	900	0	900	2	886	900
12-14	71.0	3.199	900	0	900	1	865	900
15-17	70.9	3.412	900	0	900	3	855	900
18-20	71.4	3.175	900	0	900	3	865	900
21-23	71.8	2.935	900	0	900	2	877	900
ALL HOURS	71.7	3.266	7200	0	7200	22	6987	7200

MONTH: OCT

00-02	65.4	6.339	930	0	930	90	612	930
03-05	64.9	6.520	930	0	930	104	590	930
06-08	65.2	6.927	930	0	930	100	607	930
09-11	66.4	6.845	930	0	930	68	648	930
12-14	64.7	6.730	930	0	929	96	563	930
15-17	64.5	6.689	930	0	928	99	539	930
18-20	65.2	6.445	928	0	926	81	580	930
21-23	65.5	6.064	927	0	927	76	605	930
ALL HOURS	65.2	6.644	7435	0	7430	714	4744	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	60.2	8.913	900	0	890	223	359	900
03-05	59.6	9.345	900	3	884	244	347	900
06-08	59.5	9.564	900	1	882	252	345	900
09-11	61.5	10.128	900	2	869	204	474	900
12-14	60.3	10.124	900	1	855	218	378	900
15-17	59.7	10.350	900	10	851	231	375	900
18-20	60.5	9.271	900	0	877	216	389	900
21-23	60.6	8.760	900	0	892	222	392	900
ALL HOURS	60.2	9.608	7200	17	7000	1810	3059	7200

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	54.0	11.397	930	25	847	417	168	930
03-05	53.2	11.902	930	28	834	451	150	930
06-08	52.8	12.220	930	31	825	460	153	930
09-11	55.2	12.976	930	39	832	383	260	930
12-14	54.6	12.764	930	43	829	386	229	930
15-17	54.1	12.663	930	42	823	400	208	930
18-20	54.7	11.684	930	26	845	402	205	930
21-23	54.6	11.509	930	28	857	405	187	930
ALL HOURS	54.1	12.232	7440	262	6692	3304	1560	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	62.2	11.572	10959	105	10553	2627	5787	10959
03-05	61.8	11.888	10959	129	10464	2748	5695	10959
06-08	62.2	12.434	10959	154	10406	2701	5873	10959
09-11	63.0	12.476	10959	195	10423	2439	6250	10959
12-14	61.5	12.336	10959	224	10373	2712	5651	10959
15-17	60.9	12.587	10959	267	10296	2849	5423	10959
18-20	61.7	12.031	10957	178	10427	2711	5682	10957
21-23	62.3	11.428	10956	97	10566	2607	5858	10956
ALL HOURS	61.9	12.115	87667	1349	83508	21394	46219	87667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	99.6	98.2	94.8	85.8	70.6	41.3	83.9	930
03-05	100.0	100.0	100.0	99.4	97.7	93.9	87.0	77.6	54.7	86.1	930
06-08	100.0	100.0	100.0	99.7	97.7	93.8	86.3	77.0	54.5	86.3	930
09-11	100.0	99.9	99.2	95.4	86.7	74.4	57.4	40.5	21.5	72.1	930
12-14	100.0	98.4	91.3	80.0	61.4	36.9	21.8	12.3	6.2	55.1	930
15-17	100.0	97.0	87.0	71.7	54.2	33.0	21.4	12.3	5.6	52.6	930
18-20	100.0	99.6	96.9	89.7	80.5	68.6	45.3	24.7	11.3	66.2	930
21-23	100.0	100.0	100.0	99.1	97.0	89.9	76.8	54.3	23.5	78.5	930
ALL HOURS	100.0	99.4	96.8	91.8	84.2	73.2	60.2	46.2	27.3	78.5	7440

MONTH: FEB

00-02	100.0	100.0	100.0	100.0	98.5	94.9	88.9	76.4	49.0	85.4	849
03-05	100.0	100.0	100.0	99.8	98.2	95.5	90.6	82.8	62.4	88.3	849
06-08	100.0	100.0	100.0	99.5	97.3	95.1	91.3	84.1	64.5	89.2	849
09-11	100.0	100.0	96.8	92.7	86.3	75.0	57.4	39.8	23.1	71.5	849
12-14	100.0	98.8	89.3	81.0	60.1	34.9	18.3	11.5	6.1	54.4	849
15-17	100.0	95.5	84.7	72.9	49.7	28.9	18.6	11.7	6.4	51.3	849
18-20	100.0	99.9	95.9	89.0	78.9	62.4	41.8	22.7	11.0	64.5	849
21-23	100.0	100.0	100.0	99.6	96.5	90.1	77.1	55.1	25.7	78.6	849
ALL HOURS	100.0	99.3	95.8	91.8	83.2	72.1	60.5	48.0	31.0	73.6	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	99.6	99.2	97.5	92.5	79.2	45.5	85.6	930
03-05	100.0	100.0	99.9	99.6	99.0	97.6	94.4	86.9	65.5	89.1	930
06-08	100.0	100.0	100.0	99.5	98.5	96.3	92.8	83.1	61.1	88.3	930
09-11	100.0	99.9	98.2	93.2	84.0	64.9	43.0	23.9	9.5	66.1	930
12-14	100.0	99.4	93.4	79.1	47.8	23.9	11.3	7.4	4.7	51.1	930
15-17	100.0	99.4	89.0	70.8	37.6	17.8	10.5	7.5	5.3	48.3	930
18-20	100.0	100.0	97.2	90.6	76.1	54.5	29.0	13.0	7.8	61.3	930
21-23	100.0	100.0	100.0	99.6	97.7	93.0	76.1	45.8	17.5	77.4	930
ALL HOURS	100.0	99.8	97.2	91.5	80.0	68.2	56.2	43.4	27.1	77.4	7440

MONTH: APR

00-02	100.0	100.0	100.0	99.8	99.2	98.0	93.0	75.9	38.3	84.5	900
03-05	100.0	100.0	100.0	100.0	99.3	98.1	96.4	90.9	63.7	89.1	900
06-08	100.0	100.0	100.0	99.8	98.0	96.0	91.0	78.6	52.8	86.5	900
09-11	100.0	100.0	97.6	89.4	75.9	51.6	26.3	10.0	4.2	60.0	900
12-14	100.0	99.3	90.4	69.2	38.4	16.8	7.7	4.4	2.2	47.4	900
15-17	100.0	98.8	87.4	59.9	33.4	16.9	9.0	5.9	2.9	45.9	900
18-20	100.0	99.6	95.8	84.2	65.4	45.7	25.2	11.3	5.6	57.7	900
21-23	100.0	100.0	100.0	98.8	96.3	87.7	69.4	36.4	14.4	74.6	900
ALL HOURS	100.0	99.7	96.4	87.6	75.8	63.8	52.3	39.2	23.0	74.6	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.6	97.2	85.2	49.8	87.4	930
03-05	100.0	100.0	100.0	100.0	100.0	99.9	99.6	95.7	76.6	91.7	930
06-08	100.0	100.0	100.0	99.9	99.7	98.3	93.9	78.6	53.2	87.2	930
09-11	100.0	100.0	99.8	96.9	81.9	55.5	27.7	9.0	3.7	62.0	930
12-14	100.0	100.0	98.0	80.3	45.8	17.7	9.6	5.3	2.4	50.4	930
15-17	100.0	100.0	96.3	75.7	43.5	21.4	13.9	8.8	4.7	51.1	930
18-20	100.0	100.0	99.2	94.0	81.7	58.0	34.4	17.8	8.4	64.0	930
21-23	100.0	100.0	100.0	99.9	98.7	95.3	79.7	50.9	21.4	79.0	930
ALL HOURS	100.0	100.0	99.2	93.3	81.4	68.2	57.0	43.9	27.5	79.0	7440

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	100.0	99.9	99.8	94.3	64.1	90.1	900
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.8	98.7	87.0	93.3	900
06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.3	87.6	61.3	89.5	900
09-11	100.0	100.0	100.0	100.0	97.1	76.2	45.0	12.0	3.0	67.9	900
12-14	100.0	100.0	99.9	97.4	74.6	31.8	14.6	8.0	3.1	57.6	900
15-17	100.0	100.0	99.9	93.6	72.2	44.3	28.1	14.1	6.6	60.2	900
18-20	100.0	100.0	100.0	98.6	93.7	80.1	59.6	31.6	14.2	72.5	900
21-23	100.0	100.0	100.0	100.0	100.0	99.0	93.4	70.2	32.8	84.1	900
ALL HOURS	100.0	100.0	100.0	98.7	92.2	78.9	67.2	52.1	34.0	84.1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.8	92.8	62.2	90.3	930
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.5	78.4	92.8	930
06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.5	89.6	56.2	89.5	930
09-11	100.0	100.0	100.0	99.9	98.9	83.8	49.4	11.7	1.9	69.0	930
12-14	100.0	100.0	100.0	99.2	84.5	34.9	15.2	7.2	3.1	59.1	930
15-17	100.0	100.0	100.0	98.9	79.7	51.4	33.5	20.0	8.6	63.8	930
18-20	100.0	100.0	100.0	99.9	97.0	85.8	66.5	39.7	17.6	75.4	930
21-23	100.0	100.0	100.0	100.0	100.0	99.4	95.5	74.0	38.5	85.3	930
ALL HOURS	100.0	100.0	100.0	99.7	95.0	81.9	69.9	54.2	33.3	85.3	7440

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.8	68.6	90.6	930
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.6	83.9	92.9	930
06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.9	93.1	62.3	90.3	930
09-11	100.0	100.0	100.0	100.0	99.8	88.7	51.9	13.8	3.0	70.0	930
12-14	100.0	100.0	100.0	99.8	89.1	39.0	13.5	9.5	3.8	60.6	930
15-17	100.0	100.0	100.0	98.5	86.2	57.3	37.6	18.9	7.6	65.2	930
18-20	100.0	100.0	100.0	99.9	99.2	93.5	75.8	40.1	17.3	77.3	930
21-23	100.0	100.0	100.0	100.0	100.0	100.0	93.0	61.7	36.6	86.2	930
ALL HOURS	100.0	100.0	100.0	99.8	96.9	84.8	72.7	56.3	35.6	86.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.9	99.6	97.0	68.1	90.7	900
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.4	83.4	92.6	900
06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.8	94.4	67.0	90.7	900
09-11	100.0	100.0	100.0	100.0	99.3	86.3	56.2	18.8	4.7	71.2	900
12-14	100.0	100.0	100.0	99.9	88.1	39.0	17.7	9.3	3.6	60.3	900
15-17	100.0	100.0	100.0	99.6	87.1	52.6	33.3	17.6	7.7	64.4	900
18-20	100.0	100.0	100.0	100.0	99.3	93.9	74.3	41.7	17.1	77.6	900
21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.0	82.2	38.7	86.7	900
ALL HOURS	100.0	100.0	100.0	99.9	96.7	84.0	72.5	57.4	36.3	86.7	7200

MONTH: OCT

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	99.6	99.0	98.2	90.4	61.7	88.8	930
03-05	100.0	100.0	100.0	100.0	99.5	99.2	98.0	93.2	76.8	91.0	930
06-08	100.0	100.0	100.0	100.0	99.6	98.0	96.3	87.0	65.4	89.2	930
09-11	100.0	100.0	99.9	99.7	93.0	74.1	45.9	17.7	5.3	63.0	930
12-14	100.0	99.9	99.1	93.8	69.4	30.0	11.5	4.6	2.0	55.7	930
15-17	100.0	100.0	99.1	93.2	72.3	38.0	18.2	7.6	2.6	57.8	930
18-20	100.0	100.0	99.9	99.1	96.8	89.0	65.3	28.2	7.0	73.3	928
21-23	100.0	100.0	100.0	100.0	99.8	99.4	94.8	73.1	32.4	84.0	927
ALL HOURS	100.0	100.0	99.8	98.1	91.2	78.4	66.0	50.2	31.6	84.0	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	99.8	99.6	98.6	96.3	90.2	66.6	89.5	900
03-05	100.0	100.0	100.0	99.9	99.7	99.0	95.4	90.4	74.1	91.0	900
06-08	100.0	100.0	100.0	100.0	100.0	99.3	96.2	89.4	72.6	90.9	900
09-11	100.0	100.0	99.6	97.7	92.8	79.3	56.0	34.7	17.0	72.3	900
12-14	100.0	100.0	97.3	91.4	74.3	39.9	19.8	7.6	2.9	57.9	900
15-17	100.0	99.7	96.2	90.3	73.1	46.6	21.8	10.8	6.1	59.1	900
18-20	100.0	100.0	100.0	99.0	95.9	89.7	72.7	38.2	14.7	75.5	900
21-23	100.0	100.0	100.0	100.0	99.6	98.7	94.9	79.6	44.8	85.7	900
ALL HOURS	100.0	100.0	99.1	97.3	91.9	81.4	69.1	55.1	37.3	85.7	7200

MONTH: DEC

00-02	100.0	100.0	99.9	99.2	98.2	95.8	90.0	81.4	59.7	87.3	930
03-05	100.0	100.0	100.0	100.0	98.4	95.7	90.2	84.2	64.6	88.8	930
06-08	100.0	100.0	100.0	100.0	99.1	95.8	89.7	82.8	64.7	88.8	930
09-11	100.0	100.0	99.2	97.3	93.4	81.7	64.6	42.2	23.5	74.8	930
12-14	100.0	99.4	95.7	89.6	76.0	44.3	19.5	7.5	3.5	59.2	930
15-17	100.0	99.8	94.8	88.2	72.8	43.9	19.6	9.7	4.2	57.7	930
18-20	100.0	100.0	99.5	97.4	93.7	85.7	66.0	32.5	11.2	73.1	930
21-23	100.0	100.0	99.9	99.4	97.6	94.1	83.7	70.4	33.7	82.9	930
ALL HOURS	100.0	99.9	98.5	96.4	91.2	79.7	66.1	51.3	33.1	82.9	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	99.8	99.4	98.2	95.1	85.7	56.3	87.9	10959
03-05	100.0	100.0	100.0	99.9	99.3	98.3	96.0	91.4	72.6	90.6	10959
06-08	100.0	100.0	100.0	99.9	99.2	97.7	94.6	85.4	61.3	88.9	10959
09-11	100.0	100.0	99.2	96.8	90.8	74.3	48.4	22.8	10.0	68.7	10959
12-14	100.0	99.6	96.2	88.4	67.5	32.4	15.4	7.9	3.6	55.6	10959
15-17	100.0	99.2	94.6	84.5	63.6	37.8	22.1	12.1	5.7	56.5	10959
18-20	100.0	99.9	98.7	95.2	88.3	75.7	54.7	28.5	11.9	69.9	10957
21-23	100.0	100.0	100.0	99.7	98.6	95.5	87.0	64.5	30.2	81.9	10956
ALL HOURS	100.0	99.6	98.5	95.5	88.3	76.2	64.2	49.8	31.4	75.0	87667

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PPPPPPPP      AAAAAA      RRRRRRRR      TTTTTTTTTT      FFFFFFFFFF
PPPPPPPPP     AAAAAAAA    RRRRRRRRR     TTTTTTTTTT      FFFFFFFFFF
PP      PP    AA      AA  RR      RR        TT          FF
PP      PP    AA      AA  RR      RR        TT          FF
PPPPPPPPP     AA      AA  RRRRRRRRR         TT          FFFFFF
PPPPPPPP      AAAAAAAAAA  RRRRRRRR          TT          FFFFFF
PP            AAAAAAAAAA  RR    RR          TT          FF
PP            AA      AA  RR     RR         TT          FF
PP            AA      AA  RR      RR        TT          FF
PP            AA      AA  RR       RR       TT          FF
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PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.
IN MILLIBARS. TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.
IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.
IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	1020.1	1019.2	1017.9	1016.8	1016.3	1016.8	1016.4	1017.5	1016.6	1017.5	1018.7	1020.6	1018.0
	SD	5.109	5.082	5.832	4.072	2.754	2.589	2.160	2.481	3.103	3.142	3.710	4.101	4.077
	TOT OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
0400	MEAN	1019.6	1018.5	1017.1	1016.1	1015.7	1016.2	1017.7	1016.7	1015.8	1016.8	1018.2	1020.2	1017.4
	SD	5.183	5.101	5.775	3.998	2.932	2.508	2.141	2.494	3.021	3.213	3.670	4.128	4.104
	TOT OBS	310	283	310	300	309	300	310	310	300	309	300	310	3651
0700	MEAN	1020.2	1019.4	1018.1	1017.3	1016.3	1017.2	1018.7	1017.7	1016.8	1017.8	1019.0	1020.8	1018.3
	SD	5.341	5.153	5.831	4.095	2.949	2.690	2.130	2.462	2.976	3.223	3.696	4.182	4.096
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	1021.7	1020.5	1019.3	1018.1	1017.4	1017.8	1019.4	1018.4	1017.7	1018.8	1020.2	1022.3	1019.3
	SD	5.323	5.192	5.844	4.167	3.001	2.691	2.202	2.495	2.975	3.291	3.804	4.180	4.216
	TOT OBS	310	283	310	300	310	300	310	308	300	310	300	309	3650
1300	MEAN	1019.9	1019.3	1018.1	1016.8	1016.4	1016.9	1018.5	1017.5	1016.6	1017.2	1018.4	1020.4	1018.0
	SD	5.227	5.158	5.821	4.235	3.114	2.565	2.175	2.536	2.991	3.342	3.838	4.287	4.140
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	1018.6	1017.7	1016.4	1015.2	1015.0	1015.7	1017.4	1016.2	1015.3	1016.2	1017.4	1019.3	1016.7
	SD	5.047	5.207	5.747	4.275	3.165	2.698	2.223	2.592	3.041	3.397	3.852	4.306	4.164
	TOT OBS	310	282	310	299	309	299	310	310	299	310	300	309	3647
1900	MEAN	1019.6	1018.5	1017.1	1015.7	1015.5	1015.1	1017.8	1016.7	1015.9	1017.1	1018.4	1020.3	1017.4
	SD	4.977	5.232	5.793	4.311	3.072	2.690	2.228	2.514	3.160	3.379	3.779	4.239	4.203
	TOT OBS	310	283	310	300	310	300	310	310	300	309	300	310	3652
2200	MEAN	1020.6	1019.5	1018.3	1017.2	1016.9	1017.4	1018.8	1017.9	1017.2	1018.2	1019.2	1021.1	1018.5
	SD	4.950	5.160	5.817	4.174	2.970	2.560	2.141	2.421	3.191	3.253	3.763	4.222	4.095
	TOT OBS	310	282	310	299	310	300	310	309	300	309	300	310	3649
ALL HOURS	MEAN	1020.0	1019.1	1017.8	1016.7	1016.3	1016.8	1018.3	1017.3	1016.5	1017.4	1018.7	1020.6	1018.0
	SD	5.211	5.225	5.871	4.257	3.113	2.732	2.261	2.591	3.146	3.366	3.842	4.281	4.205
	TOT OBS	2480	2262	2480	2398	2477	2399	2480	2477	2399	2477	2400	2478	29207

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.12	30.10	30.06	30.03	30.01	30.03	30.07	30.05	30.02	30.05	30.08	30.14	30.06
	SD	.151	.150	.172	.120	.088	.077	.064	.073	.092	.093	.110	.121	.121
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	30.11	30.08	30.03	30.01	29.99	30.01	30.05	30.02	30.00	30.03	30.07	30.13	30.04
	SD	.153	.151	.170	.118	.087	.077	.064	.073	.089	.095	.109	.122	.121
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	30.13	30.10	30.07	30.04	30.03	30.04	30.08	30.05	30.03	30.06	30.09	30.15	30.07
	SD	.158	.152	.172	.121	.087	.080	.063	.073	.088	.095	.109	.124	.121
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	30.17	30.14	30.10	30.07	30.04	30.06	30.10	30.08	30.05	30.08	30.12	30.19	30.10
	SD	.158	.153	.173	.123	.089	.079	.065	.074	.088	.097	.113	.124	.125
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	30.12	30.10	30.06	30.03	30.01	30.03	30.08	30.05	30.02	30.04	30.07	30.13	30.06
	SD	.154	.152	.172	.125	.092	.079	.064	.075	.088	.099	.114	.126	.122
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	30.08	30.05	30.01	29.98	29.97	29.99	30.04	30.01	29.98	30.01	30.04	30.10	30.02
	SD	.149	.153	.170	.126	.093	.080	.066	.077	.089	.100	.114	.127	.123
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1900	MEAN	30.11	30.08	30.03	29.99	29.99	30.01	30.06	30.02	30.00	30.04	30.07	30.13	30.04
	SD	.147	.154	.171	.127	.091	.079	.066	.074	.094	.100	.112	.125	.124
	TOT OBS	310	283	310	300	310	300	310	310	300	309	300	310	3652
2200	MEAN	30.14	30.11	30.07	30.04	30.03	30.04	30.09	30.06	30.04	30.07	30.10	30.15	30.08
	SD	.146	.152	.172	.123	.088	.076	.063	.073	.094	.096	.111	.125	.121
	TOT OBS	310	283	310	300	310	300	310	310	300	309	300	310	3652
ALL HOURS	MEAN	30.12	30.09	30.06	30.02	30.01	30.02	30.07	30.04	30.02	30.05	30.08	30.14	30.06
	SD	.154	.154	.173	.126	.092	.081	.067	.077	.093	.099	.113	.126	.124
	TOT OBS	2480	2264	2480	2400	2480	2400	2480	2480	2400	2478	2400	2480	29222

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.01	29.98	29.94	29.91	29.90	29.91	29.96	29.93	29.90	29.93	29.97	30.02	29.95
	SD	.151	.151	.172	.120	.088	.077	.064	.073	.092	.092	.110	.121	.121
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	29.99	29.96	29.91	29.89	29.87	29.89	29.93	29.90	29.88	29.91	29.95	30.01	29.92
	SD	.153	.150	.170	.118	.086	.077	.063	.073	.089	.094	.109	.121	.121
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	30.01	29.99	29.95	29.92	29.91	29.92	29.97	29.94	29.91	29.94	29.98	30.03	29.95
	SD	.158	.152	.172	.121	.088	.080	.063	.073	.088	.096	.109	.123	.121
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	30.05	30.02	29.98	29.95	29.93	29.94	29.98	29.96	29.93	29.97	30.00	30.07	29.98
	SD	.157	.153	.172	.122	.089	.079	.065	.074	.088	.097	.113	.124	.124
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	30.00	29.99	29.95	29.91	29.90	29.91	29.96	29.93	29.90	29.92	29.96	30.02	29.95
	SD	.155	.152	.172	.125	.092	.079	.064	.075	.088	.099	.114	.126	.122
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	29.96	29.93	29.89	29.86	29.85	29.87	29.92	29.89	29.86	29.89	29.92	29.98	29.90
	SD	.149	.153	.170	.126	.094	.079	.065	.076	.089	.100	.114	.127	.123
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1900	MEAN	29.99	29.96	29.92	29.88	29.87	29.89	29.94	29.91	29.88	29.92	29.96	30.01	29.93
	SD	.147	.154	.171	.128	.091	.079	.067	.074	.094	.099	.112	.125	.124
	TOT OBS	310	283	310	300	310	300	310	310	300	309	300	310	3652
2200	MEAN	30.02	29.99	29.95	29.92	29.91	29.92	29.97	29.94	29.92	29.95	29.98	30.03	29.96
	SD	.146	.152	.172	.122	.088	.075	.063	.073	.094	.096	.111	.124	.121
	TOT OBS	310	283	310	300	310	300	310	310	300	309	300	310	3652
ALL HOURS	MEAN	30.00	29.98	29.94	29.90	29.89	29.91	29.95	29.92	29.90	29.93	29.96	30.02	29.94
	SD	.154	.154	.173	.126	.092	.081	.067	.077	.093	.099	.114	.126	.124
	TOT OBS	2480	2264	2480	2400	2480	2400	2480	2480	2400	2478	2400	2480	29222

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PPPPPPPP        AAAAAA      RRRRRRRR      TTTTTTTTTT        GGGGGG
PPPPPPPPP      AAAAAAAA     RRRRRRRRR     TTTTTTTTTT       GGGGGGGG
PP      PP     AA    AA     RR     RR        TT          GG      GG
PP      PP     AA    AA     RR     RR        TT          GG
PPPPPPPPP      AA    AA     RRRRRRRRR        TT          GG
PPPPPPPP       AAAAAAAAAA   RRRRRRRR         TT          GG   GGGG
PP             AAAAAAAAAA   RR    RR         TT          GG   GGGGG
PP             AA    AA     RR    RR         TT          GG      GG
PP             AA    AA     RR     RR        TT         GGGGGGGG
PP             AA    AA     RR      RR       TT          GGGGGG
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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.5	1.4		930	8.5	.4		930	9.9	.4		930	19.8	2.3		930
CATEGORY B	7.6	1.8		930	8.5	.3	.1	930	10.1	1.2		930	20.3	3.9		930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	24.5	3.2		930	19.2	2.9		930	7.8	.9		930	7.2	.9		930
CATEGORY B	26.1	5.4	.1	930	20.4	4.4	.3	930	8.5	1.5		930	7.3	1.1	.1	930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	16.3	1.9		4650	13.1	1.5		7440
CATEGORY B	17.1	3.3	.1	4650	13.6	2.5	.1	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.2	.8		849	9.9	1.2		849	9.8	.8		849	22.3	3.8		849
CATEGORY B	7.8	1.3		849	10.4	1.8	.1	849	10.0	1.8		849	23.3	6.4	.1	849

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	27.4	4.4		849	20.4	3.3		849	8.7	.7		849	5.4	.6		849
CATEGORY B	30.4	8.7	.2	849	22.3	5.9	.1	849	9.2	1.2		849	5.7	.7		849

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	17.7	2.6		4245	13.9	1.9		6792
CATEGORY B	19.0	4.8	.1	4245	14.9	3.5	.1	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.2	1.4		930	8.1	.9		930	9.8	1.6		930	26.7	5.3		930
CATEGORY B	8.4	1.8		930	8.5	1.9		930	9.9	2.7		930	27.5	8.2	.4	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	29.2	5.4	.1	930	24.9	4.4		930	14.5	1.3		930	7.7	1.2		930
CATEGORY B	31.0	10.1	.8	930	26.6	7.2	.4	930	15.2	3.0	.2	930	8.4	2.3	.3	930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	21.0	3.6	.0	4650	16.1	2.7	.0	7440
CATEGORY B	22.0	6.2	.4	4650	16.9	4.7	.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.1	.6		900	1.8	.3		900	4.8	.3		900	23.3	3.3		900
CATEGORY B	3.1	.9		900	1.9	.4		900	4.9	.7		900	24.1	5.7	.2	900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	24.1	3.1		900	20.4	1.4	.1	900	9.6	.2		900	3.9	.6		900
CATEGORY B	25.7	5.7	.2	900	22.9	4.0	.3	900	10.3	.7		900	4.4	1.1		900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	16.4	1.7	.0	4500	11.4	1.2	.0	7200
CATEGORY B	17.6	3.3	.2	4500	12.2	2.4	.1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9			930	1.3			930	2.6			930	11.1	.5		930
CATEGORY B	.9	.1		930	1.3			930	2.7	.1		930	11.9	.8		930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	11.4	.4		930	16.5	1.5		930	9.6	.3		930	1.9			930
CATEGORY B	13.0	1.9	.2	930	17.6	2.7	.1	930	10.0	.6	.1	930	2.0	.1		930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	10.2	.6		4650	6.9	.3		7440
CATEGORY B	11.1	1.2	.1	4650	7.4	.8	.1	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: NOV 78 - OCT 88
LST TO UTC: + 5 MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.4			900	.3	.1		900	1.0	.2	.1	900	3.3			900
CATEGORY B	.4			900	.3	.2		900	1.0	.3	.1	900	3.8	.2		900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.6	.8		900	11.0	.6		900	7.3	.8	.1	900	1.1	.1		900
CATEGORY B	5.8	.9	.3	900	12.2	1.4	.3	900	8.1	1.6	.2	900	1.2	.2		900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.6	.5	.0	4500	3.8	.3	.0	7200
CATEGORY B	6.2	.9	.2	4500	4.1	.6	.1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3	.1		930	.2			930	.2			930	3.8			930
CATEGORY B	.3	.1		930	.2			930	.2			930	3.9	.1		930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.0	.4		930	14.4	1.9		930	5.5	.3		930	.6			930
CATEGORY B	6.7	.9		930	15.6	3.7	.4	930	5.7	.8		930	.6			930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.0	.5		4650	3.9	.3		7440
CATEGORY B	6.4	1.1	.1	4650	4.2	.7	.1	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2	.1		930	.5			930	.6			930	2.6	.1		930
CATEGORY B	.2	.1		930	.5			930	.6			930	2.6	.3	.1	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.0	1.1		930	11.1	1.3		930	4.1			930	.8	.1		930
CATEGORY B	6.3	1.4	.2	930	11.5	2.3	.4	930	4.2	.4		930	.8	.1		930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.9	.5		4650	3.2	.3		7440
CATEGORY B	5.1	.9	.2	4650	3.3	.6	.1	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8	.6		900	.9	.6		900	1.7	.6		900	3.9	.3		900
CATEGORY B	1.9	.5	.2	900	1.0	.6	.3	900	1.9	.6	.3	900	4.4	.8		900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.9	.2		900	6.6	.5		900	2.1	.4		900	1.0	.6		900
CATEGORY B	6.9	1.1		900	7.3	.9	.2	900	2.8	.8	.3	900	1.0	.7	.3	900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.0	.4		4500	3.0	.5		7200
CATEGORY B	4.6	.8	.2	4500	3.4	.7	.2	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NUMBER: 722050 STATION NAME: ORLANDO TAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9			930	1.9	.1		930	1.7			930	8.2	.4		930
CATEGORY B	.9			930	1.9	.2		930	1.7			930	8.6	.9		930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	9.0	.4		930	4.4			930	2.3	.1		928	1.2			927
CATEGORY B	9.9	1.0		930	5.1	.3		930	2.8	.5		928	1.4	.1		927

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.1	.2		4643	3.7	.1		7435
CATEGORY B	5.6	.5		4645	4.0	.4		7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.2	.6		900	6.4	.4		900	6.6	.2		900	15.0	1.1		900
CATEGORY B	4.8	.8		900	6.4	.7		900	6.6	.6		900	15.4	1.8	.3	900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	17.8	1.2		900	12.3	.8		900	4.0	.2		900	4.8	.1		900
CATEGORY B	15.8	2.4	.2	900	12.7	1.7	.3	900	4.4	.2		900	4.8	.3	.1	900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	11.1	.7		4500	9.0	.6		7200
CATEGORY B	11.6	1.3	.2	4500	9.2	1.1	.1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.1	.8		930	7.7	.6		930	8.9	.6		930	17.4	1.5		930
CATEGORY B	6.2	1.0		930	7.8	1.5		930	8.9	.9		930	17.7	3.2	.2	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	22.2	2.6		930	14.3	1.3		930	5.2	.6		930	6.7	.6		930
CATEGORY B	22.9	4.6		930	14.7	2.5		930	5.6	1.4		930	6.8	1.1		930

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	13.6	1.3		4650	11.1	1.1		7440
CATEGORY B	14.0	2.5	.0	4650	11.3	2.0	.0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

PERIOD OF RECORD: NOV 78 - OCT 88
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.4	.5		10959	3.9	.4		10959	4.8	.4	.0	10959	13.1	1.5		10959
CATEGORY B	3.5	.7	.0	10959	4.0	.7	.0	10959	4.8	.7	.0	10959	13.6	2.7	.1	10959

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	15.7	1.9	.0	10959	14.6	1.7	.0	10959	6.7	.5	.0	10957	3.5	.4		10956
CATEGORY B	16.9	3.6	.2	10959	15.7	3.1	.3	10959	7.2	1.1	.1	10957	3.7	.6	.1	10956

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	11.0	1.2	.0	54793	8.2	.9	.0	87667
CATEGORY B	11.7	2.2	.1	54793	8.7	1.6	.1	87667

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PPPPPPPP      AAAAAA      RRRRRRRR      TTTTTTTTTT      HH      HH
PPPPPPPPP    AAAAAAAA     RRRRRRRRR     TTTTTTTTTT      HH      HH
PP      PP   AA      AA   RR      RR        TT          HH      HH
PP      PP   AA      AA   RR      RR        TT          HH      HH
PPPPPPPPP    AA      AA   RRRRRRRRR         TT          HHHHHHHHHH
PPPPPPPP     AAAAAAAAAA   RRRRRRRR          TT          HHHHHHHHHH
PP           AAAAAAAAAA   RR    RR          TT          HH      HH
PP           AA      AA   RR     RR         TT          HH      HH
PP           AA      AA   RR      RR        TT          HH      HH
PP           AA      AA   RR       RR       TT          HH      HH
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PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

ASTERISKS (****) DENOTE A MISSING MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA PERIOD OF RECORD: MAY 52 - OCT 88
LST TO UTC: + 5

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1952					18					10	41	189	258
1953	160	72	12	9						11	45	120	429
1954	108	92	129							11	75	222	637
1955	181	95	62							9	42	112	501
1956	274	62	69	6							119	97	627
1957	78	27	60							18	8	201	392
1958	348	350	78	2						3	2	116	899
1959	207	19	79	12							58	119	494
1960	161	157	152	10	1						10	220	711
1961	219	90	24	9						5	7	104	458
1962	157	36	101	12							71	237	614
1963	174	213	27	2						8	67	300	791
1964	226	200	44	4						3	11	81	569
1965	165	87	85							3	26	142	508
1966	243	146	62	6						2	81	182	722
1967	138	168	23	2							18	51	400
1968	133	292	147	1						17	116	234	940
1969	163	207	171								65	159	765
1970	278	205	73	1							128	88	773
1973	183	215	34	18						6	13	204	673
1974		163	14	5							34	147	364
1975	72	46	56	13							79	161	427
1976	263	99	17	2						2	114	184	681
1977	431	206	37	5						6	38	183	906
1978	268	248	72									59	647
1979	223	209	65								45	109	651

1980	149	247	60	4		2	65	171	698
1981	405	111	74	2			65	211	868
1982	195	20	34	8		14	13	89	373
1983	223	134	95	9			60	142	663
1984	240	133	63	11			63	100	630
1985	324	144	20	9			13	212	722
1986	171	79	101	3				51	405
1987	211	94	52	60			40	92	549
1988	223	166	79	7					471
MEAN	189	130	6[illegible]	6	0	3	44	137	
SD	102.06	86.73	42.4[illegible]	10.21	2.95	5.13	37.30	71.07	

****SPL 30YR SUMMATION (1951 -1980)****

MEAN	180	135	6[illegible]	4	0	3	48	146
SD	80.72	68.68	56.43	21.24	95.40	29.69	59.46	70.18

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

PERIOD OF RECORD: MAY 52 - OCT 88

STATION NUMBER: 722050 STATION NAME: ORLANDO IAP FLORIDA
LST TO UTC: + 5

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1952					276	532	538	544	497	289	108	11	2795
1953	51	61	195	223	479	491	562	533	474	265	130	95	3559
1954	56	43	141	303	346	502	532	585	500	274	70	23	3375
1955	31	44	170	246	407	440	517	552	512	282	106	52	3359
1956	13	115	130	172	414	459	545	565	439	310	126	128	3417
1957	106	122	102	244	397	490	551	524	507	264	178	35	3520
1958	4	20	68	216	341	503	547	555	521	269	234	48	3326
1959	50	128	78	212	418	454	508	516	467	432	154	37	3484
1960	64	33	61	213	328	434	540	554	458	390	195	24	3294
1961	11	92	193	137	358	458	555	554	490	307	165	140	3460
1962	58	144	90	184	443	478	565	543	477	340	60	46	3428
1963	51	17	176	242	380	496	529	552	452	282	83	13	3273
1964	40	13	134	259	361	517	534	571	465	273	185	78	3430
1965	34	73	150	273	340	433	484	486	442	255	110	35	3115
1966	22	44	67	167	418	426	570	529	429	316	70	15	3072
1967	51	23	110	213	393	468	541	531	453	296	138	160	3367
1968	55	1	46	237	344	410	496	508	437	284	75	47	2940
1969	7	8	30	215	337	520	572	517	481	387	88	21	3183
1970	19	14	113	278	307	436	527	512	464	329	57	57	3113
1973	61	16	161	149	315	425	495	461	463	336	187	48	3117
1974	191	55	191	221	418	471	496	524	503	243	122	48	3483
1975	105	116	138	225	441	472	486	541	473	364	162	40	3563
1976	20	73	195	200	367	437	538	526	475	251	68	58	3208
1977	1	17	209	184	323	540	538	519	526	265	182	64	3367
1978	27	3	117	263	443	530	549	550	505	323	233	112	3655
1979	30	32	68	264	330	477	578	548	507	296	150	61	3341

1980	29	26	172	178	366	470	588	584	506	334	137	14	3404
1981		40	56	265	381	561	605	561	457	363	97	67	3453
1982	62	141	218	255	332	527	562	552	475	312	211	160	3807
1983	25	14	73	141	371	480	583	592	484	370	101	97	3331
1984	40	45	92	157	343	423	497	531	432	335	101	105	3101
1985	27	80	146	202	400	532	539	538	445	451	262	54	3676
1986	26	73	122	149	365	501	546	574	504	391	330	121	3702
1987	32	40	87	129	369	547	581	620	538	227	166	80	3416
1988	28	45	98	230	340	464	491	553	575	248			3072
MEAN	38	48	113	195	350	454	510	513	454	296	130	59	
SD	36.66	42.76	60.16	73.26	95.58	116.99	127.42	127.87	114.76	89.23	72.42	43.99	

****SPL 30YR SUMMATION (1951 -1980)****

MEAN	39	45	112	199	346	445	502	501	446	287	122	52
SD	37.05	41.36	107.52	188.76	334.91	425.61	431.95	482.04	429.79	273.74	117.00	47.58

A W S
CLIMATIC BRIEF
APR 89

STATION NAME: ORLANDO IAP FLORIDA
LATITUDE/LONGITUDE: 28 26 N 081 19 W
HOURLY OBS POR: NOV 78 - OCT 88
SUMMARY OF DAY POR: JAN 44-OCT 46, JAN 52-OCT 88
HOURS SUMMARIZED: 0000 - 2300 LST
LST TO UTC: +05

FIELD ELEV: 96 FT
STATION MSC: 722050
CALL SIGN: KMCO

SUPERCEDES: N/A

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	86	89	91	96	101	100	99	100	98	95	89	90	101	38
MEAN MAX TEMP (F)	70.0	72.3	77.1	82.3	86.9	89.7	90.6	90.5	88.7	83.3	77.3	72.0	81.8	38
MEAN TEMP (F)	59.6	61.7	66.6	71.5	76.6	80.7	82.0	82.2	80.7	74.7	67.6	61.9	72.3	38
MEAN MIN TEMP (F)	48.7	50.7	55.6	60.3	65.7	71.2	73.0	73.4	72.3	65.6	57.5	51.3	62.2	38
EXTRM MIN TEMP (F)	19	29	25	36	44	53	64	65	57	45	30	20	19	38
D/W TEMP GE 100 (F)	0	0	0	0	#	#	0	#	0	0	0	0	0	38
D/W TEMP GE 90 (F)	0	0	1	3	9	16	21	21	14	3	0	#	88	38
D/W TEMP LT 50 (F)	16	12	7	2	#	0	0	0	0	1	5	13	56	38
D/W TEMP LT 33 (F)	1	1	#	0	0	0	0	0	0	0	#	1	3	38
HEATING DEGREE DAYS	189	130	61	6	#					3	44	137	570	38
COOLING DEGREE DAYS	38	48	113	195	350	454	510	513	454	296	130	59	3160	38
MEAN DEWPOINT TEMP (F)	47.3	50.9	54.4	57.7	64.2	70.9	72.6	73.2	71.7	65.2	60.2	54.1	61.9	10
MEAN WET BULB TEMP (F)	52.2	55.6	59.2	62.8	68.2	73.7	75.1	75.5	74.1	68.4	63.5	57.9	65.6	10
99.95% WCPA (FT)	400	400	500	400	300	250	200	250	300	300	300	300	350	10
MEAN REL HUM 07 LST(%)	86.3	89.2	88.3	86.5	87.2	89.5	89.5	90.3	90.7	89.2	90.9	88.8	88.9	10
MEAN REL HUM 13 LST(%)	55.1	54.4	51.1	47.4	50.4	57.6	59.1	60.6	60.3	55.7	57.9	58.2	55.6	10
MEAN ABS HUM 07 LST(*)	7.7	9.1	10.4	11.9	15.4	18.4	19.3	19.6	18.6	14.8	12.2	9.7	13.4	10
MEAN ABS HUM 13 LST(*)	8.0	8.8	9.7	10.6	13.2	16.9	18.1	18.4	17.5	14.2	12.2	10.1	12.7	10
MAX 24HR PRECIP (IN)	4.17	2.82	5.41	3.78	3.14	4.40	3.75	3.92	7.57	4.42	4.64	2.79	7.57	38
MAX PRECIP (IN)	7.23	8.32	12.70	6.96	10.36	15.28	11.92	13.42	14.69	10.00	10.29	5.33	64.80	38
MEAN PRECIP (IN)	2.26	2.71	3.39	1.96	3.25	7.13	7.30	6.21	5.81	2.90	1.81	1.92	46.74	38
MIN PRECIP (IN)	.13	.06	.06	.14	.18	1.66	2.32	1.56	.51	.03	.05	.04	33.31	38
D/W PRECIP GE .01 (IN)	7	7	7	5	9	14	17	16	14	8	5	6	115	38
D/W PRECIP GT .50 (IN)	1	2	2	1	2	5	5	4	4	2	1	1	30	38
MAX 24HR SNFL (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	36
MAX SNFL (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	36
MEAN SNFL (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	36
D/W SNFL GE .1 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	36
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	36
MAX DLY SNO DEPTH (IN)	0	0	0	0	#	0	0	0	0	0	0	0	#	36
MEAN SFC WND DIR (DEG)	360	360	060	240	090	060	180	060	060	360	360	360	060	10
MEAN WND SPD (KTS)	7.8	8.0	8.5	7.9	7.4	6.7	6.3	6.0	6.5	7.0	7.3	7.3	7.2	10
MAX WND SPD (KTS)	40	43	50	49	55	54	50	44	47	34	43	38	55	32
SKY COVER GT 1/2 (%)	49.0	53.2	47.0	42.1	44.0	54.4	54.0	56.9	52.0	40.6	49.0	54.4	49.9	10
D/W THUNDERSTORMS	1	2	3	3	8	14	18	17	10	3	1	1	81	36
D/W FOG (VSBY LT 7 MI)	16	14	15	12	13	11	8	9	10	12	14	15	149	36

LEGEND: ANN = ANNUAL
D/W = MEAN NUMBER OF DAYS WITH
* = BASED ON LESS THAN FULL MONTHS
** = INSTANTANEOUS PEAK WINDS
POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
! = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN

* = GRAMS PER CUBIC METER

WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	19.4	17.3	12.0	8.4	6.0	5.1	2.8	2.7	4.3	8.5	15.8	18.7	10.2	10
	03 - 05	22.8	24.3	16.9	11.4	8.0	9.0	2.4	3.5	5.1	10.4	22.6	27.4	13.8	10
CIG	06 - 08	27.4	31.6	22.7	17.3	14.3	13.9	7.5	5.3	9.7	14.6	22.7	28.9	18.2	10
LT 3000 FT	09 - 11	23.3	26.9	19.1	12.9	14.2	16.4	7.3	10.5	12.1	15.1	19.3	22.7	16.9	10
AND/OR	12 - 14	18.4	17.1	11.0	5.9	5.6	9.3	5.9	6.8	9.4	11.3	15.4	16.9	11.2	10
VSBY	15 - 17	14.3	10.7	6.1	3.2	3.9	5.2	6.1	4.6	6.9	7.4	9.4	9.7	7.3	10
LT 3 MI	18 - 20	13.0	11.3	5.8	3.9	3.8	5.0	3.9	4.0	4.6	5.5	9.6	10.0	6.7	10
	21 - 23	14.2	14.8	9.3	6.8	4.0	4.4	2.8	2.8	4.3	5.8	11.8	13.4	7.8	10
	ALL	19.1	19.2	12.6	8.7	7.5	8.7	4.8	5.0	7.1	9.8	15.8	18.5	11.4	10
	00 - 02	16.3	12.1	7.1	4.3	2.9	3.2	1.9	1.3	2.4	6.0	11.8	14.1	7.0	10
	03 - 05	19.4	18.3	12.0	8.7	6.0	7.0	2.2	3.2	2.9	8.3	17.6	20.6	10.5	10
CIG	06 - 08	22.7	26.0	17.5	14.8	12.2	11.8	7.1	4.8	7.6	12.7	18.6	24.3	15.0	10
LT 1500 FT	09 - 11	17.5	19.5	9.2	5.7	4.3	2.4	1.3	1.9	3.6	6.0	12.7	16.8	8.3	10
AND/OR	12 - 14	10.5	6.2	3.4	1.7	1.6	.9	1.7	1.7	1.7	2.2	4.8	5.7	2.6	10
VSBY	15 - 17	8.4	4.0	2.7	1.3	1.7	1.7	3.2	1.7	2.8	2.7	3.2	5.5	3.2	10
LT 3 MI	18 - 20	8.7	6.0	3.3	2.3	1.4	2.9	1.6	1.7	2.4	1.7	6.7	5.5	3.7	10
	21 - 23	11.2	9.2	4.3	3.0	1.5	1.6	1.4	.5	1.8	4.2	8.2	8.4	4.6	10
	ALL	14.3	12.5	7.5	5.3	4.0	3.9	2.6	2.1	3.1	5.5	10.4	12.6	7.0	10
	00 - 02	12.6	9.5	4.8	2.9	1.5	2.4	1.6	.8	1.7	3.2	9.6	12.5	5.3	10
	03 - 05	15.9	16.3	8.2	4.9	4.0	4.9	1.5	2.3	2.2	6.2	14.9	17.5	8.1	10
CIG	06 - 08	18.9	21.6	12.4	8.9	7.3	7.4	2.8	3.3	4.2	9.2	15.7	20.5	11.0	10
LT 1000 FT	09 - 11	13.0	13.8	5.5	2.3	1.4	.3	1.2	.6	1.2	4.0	9.1	12.4	5.4	10
AND/OR	12 - 14	6.9	2.6	2.5	.9	.9	.4	1.3	.6	.7	1.1	2.0	2.7	1.9	10
VSBY	15 - 17	5.3	2.2	1.6	.7	.9	.7	2.0	1.3	1.4	.6	2.1	2.5	1.8	10
LT 2 MI	18 - 20	6.6	3.5	2.3	1.1	.9	1.7	.9	1.0	1.8	.5	4.1	3.4	2.3	10
	21 - 23	8.7	5.7	3.3	2.0	1.1	.9	1.1	.1	1.6	1.8	6.1	6.1	3.2	10
	ALL	11.0	9.4	5.1	2.9	2.2	2.3	1.5	1.2	1.8	3.3	7.9	9.7	4.9	10
	00 - 02	3.9	2.6	.3	.4	.1	.0	.0	.0	.1	.4	1.1	2.7	1.0	10
	03 - 05	4.5	4.6	1.5	1.3	.9	.3	.5	.8	.0	1.1	3.3	6.8	2.1	10
CIG	06 - 08	7.0	8.0	2.3	2.6	1.0	.9	.8	1.3	1.2	2.0	5.1	8.0	3.4	10
LT 200 FT	09 - 11	2.2	1.3	.2	.0	.0	.0	.1	.1	.0	.1	.6	2.7	.6	10
AND/OR	12 - 14	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	10
VSBY	15 - 17	.1	.0	.0	.0	.2	.0	.1	.1	.0	.0	.0	.1	.1	10
LT 1/2 MI	18 - 20	.2	.0	.0	.0	.1	.2	.0	.0	.1	.0	.1	.2	.1	10
	21 - 23	.6	.7	.0	.1	.0	.0	.0	.0	.0	.0	.4	1.0	.2	10
	ALL	2.3	2.1	.5	.5	.3	.2	.2	.3	.2	.5	1.3	2.7	.9	10

HURRICANE/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900-1985

HR/TS	JAN	FEB	MAR	APR	MAY	JUN
60NM	0/0	0/0	0/0	0/0	0/0	1/3
120NM	0/0	0/1	0/0	0/0	0/1	2/4
240NM	0/0	0/1	0/0	0/0	1/4	5/14

HR/TS	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	2/3	6/8	3/5	3/6	1/0	0/0	16/25
120NM	3/5	11/13	5/13	9/15	1/0	0/0	34/52
240NM	7/11	23/24	23/30	21/31	2/1	0/0	82/116

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AAAAAAAAAA   DDDDDDDDD     DDDDDDDDD     KK        KK  LL            KK        KK  LL            DDDDDDDDD
AAAAAAAAAAAA DDDDDDDDDD    DDDDDDDDDD    KK      KK    LL            KK      KK    LL            DDDDDDDDDD
AA        AA DD       DD   DD       DD   KK    KK      LL            KK    KK      LL            DD       DD
AA        AA DD       DD   DD       DD   KK  KK        LL            KK  KK        LL            DD       DD
AA        AA DD       DD   DD       DD   KK  KK        LL            KK  KK        LL            DD       DD
AAAAAAAAAAAA DD       DD   DD       DD   KKKKKKK       LL            KKKKKKK       LL            DD       DD
AAAAAAAAAAAA DD       DD   DD       DD   KKKKKKK       LL            KKKKKKK       LL            DD       DD
AA        AA DD       DD   DD       DD   KK    KK      LL            KK    KK      LL            DD       DD
AA        AA DD       DD   DD       DD   KK    KK      LL            KK    KK      LL            DD       DD
AA        AA DD       DD   DD       DD   KK    KK      LL            KK    KK      LL            DD       DD
AA        AA DDDDDDDDDD    DDDDDDDDDD    KK    KK      LLLLLLLLLLLL  KK    KK      LLLLLLLLLLLL  DDDDDDDDDD
AA        AA DDDDDDDDD     DDDDDDDDD     KK    KK      LLLLLLLLLLLL  KK    KK      LLLLLLLLLLLL  DDDDDDDDD

JJJJJJJJJJ   666666666     9999999999    555555555555                AAAAAAAAAA
JJJJJJJJJJ   666666666666  999999999999  555555555555                AAAAAAAAAAAA
JJ           66        66  99        99  55                         AA        AA
JJ           66            99        99  55                         AA        AA
JJ           66            99        99  55                         AA        AA
JJ           66666666666   999999999999  555555555                  AAAAAAAAAAAA
JJ           666666666666  999999999999  555555555                  AAAAAAAAAAAA
JJ           66        66              99            55             AA        AA
JJ   JJ      66        66              99            55             AA        AA
JJ   JJ      66        66  99          99            55             AA        AA
JJJJJJJJ     666666666666  999999999999  555555555555                AA        AA
JJJJJJ       666666666     9999999999    555555555                  AA        AA

*A  END  JOB  695 ADDKLKLD 2      001 001 ETAC    DAILYS          ROOM     7.58.10 AM 10 MAY 89 PRT1    IP01  END  A*
*A  END  JOB  695 ADDKLKLD 2      001 001 ETAC    DAILYS          ROOM     7.58.10 AM 10 MAY 89 PRT1    IP01  END  A*
*A  END  JOB  695 ADDKLKLD 2      001 001 ETAC    DAILYS          ROOM     7.58.10 AM 10 MAY 89 PRT1    IP01  END  A*
*A  END  JOB  695 ADDKLKLD 2      001 001 ETAC    DAILYS          ROOM     7.58.10 AM 10 MAY 89 PRT1    IP01  END  A*
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